EURO-EMOTUR

Work Package 4:

Preliminary assistance to selected SMEs on neuromarketing and digital innovation

D4.1 Mapping the emerging technologies, business models and tourism industry cases

ULPGC
Instituto Universitario de
**Turismo y Desarrollo
Económico Sostenible**

Tides

ETOA

NECSTouR
European Regions for
Competitive and Sustainable Tourism

LAB8
Haaga-Helia

CISET

Gobierno de Canarias
Consejería de Turismo,
Industria y Comercio

euro-emotur

Project Acronym: Euro-Emotur

Project Full Title: Euro-Emotur: The journey towards digitalisation. Thinking digital tourism through neuromarketing and emotions

Project number: 101038111

4/2023

x

- **Type of Deliverable: Report**

- **Level of Dissemination: Public**

- **By: Haaga-Helia University of Applied Sciences**

- **Call: COS-TOURINN-2020-3-04**

- **Deliverable: D4.1.**

- **Version 1.0**

INTRODUCTION

- This deliverable, D 4.1 Mapping the emerging technologies, business models and tourism industry cases, is provided by the Euro-emotur project. Euro-emotur aims to support tourism SMEs in the uptake of digitalisation and innovation by fostering their skills, knowledge and network.

- The deliverable is aiming to increase digital awareness by introducing emerging technologies and trends in tourism with the viewpoint of SME tourism companies. The main emphasis is to identify tourism industry cases and business models that tourism companies can use in their journey to digitalisation and innovation. Euro-emotur project is working with wide area of solutions and technologies that can help tourism SME´s to succeed in marketing and product development. Neuro-marketing is the main area of Euro-emotur. It has been forecasted, that neuromarketing with Artificial intelligence might change the interaction between humans and machines and lead to the development of new brain-computer interfaces that facilitate direct communication between the human brain and an external device and the creation of new services and innovations in the tourism industry.

- In addition to neuromarketing, emerging technologies of virtual reality (VR), augmented reality (AR), extended reality (ER), Artificial Intelligence and robotics are presented in this report. Also tourism trends after Covid – 19 pandemia and technological innovations are presented.

Table of contents

How did we do this?

- The aim of this report is to give inspiration to the tourism SME´s, so approach is practical and main part of the report is a collection of business cases and examples of emerging commercial solutions presented in the categories named in figure 1.

- The deliverable has been developed by doing literature studies of ongoing trends, technology reports and research materials. Information and examples have been collected from Euro-emotur partners and their stakeholders. In co-operation with the world's largest community, TrendHunter several innovative examples were selected. Trendhunter leverages big data, human researchers and AI to identify consumer insights and industry examples.

- The aim is not to produce an exhaustive report of all possible solutions, rather give inspiration for Tourism SME´s taking steps in their digitalisation journey.

Mapping the emerging technologies, business models and tourism industry cases

LAB8 Trends

Introduction

This Report explores how technologies are shaping and changing tourism industries.

This report dives into how technological innovations are being adapted towards the tourism industry.

With the rapid development of technology and introductions of concepts such as the neuromarketing, AI, AR/VR/XR, Robotics tourism industries are impacted and are therefore working to see how they can integrate this technology into their products or services.
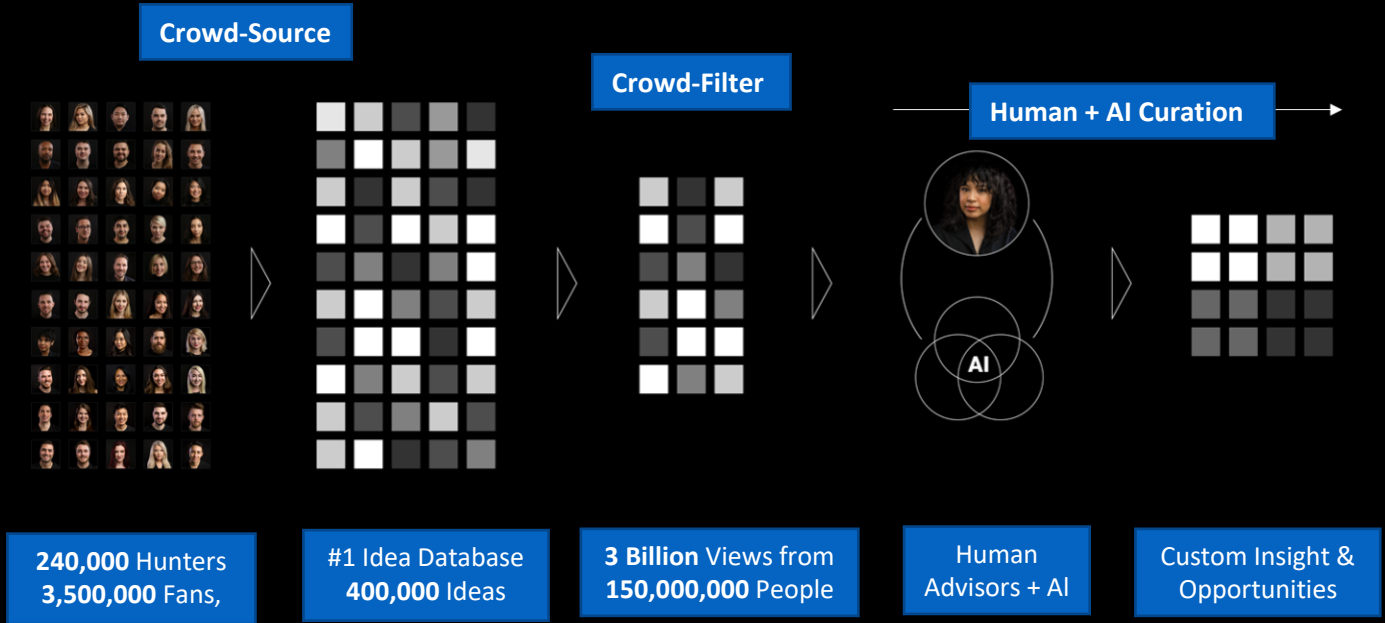
From this, we see various solutions which tackle different travel and tourism aspects such as planning, translation and more. These cater to and keep up with consumers' ever growing curiosity and expectation for convenience.

Report Process

TrendHunter has built the largest trend platform, leveraging crowd-sourcing, crowd-filtering, AI and humans to cut through the noise and uncover opportunity **faster**!

LAB8 Customizes a trend report utilizing the Hospitality Barometer four times a year together with TrendHunter.

Crowd-Source

Crowd-Filter

Human + AI Curation

240,000 Hunters
3,500,000 Fans,

#1 Idea Database
400,000 Ideas

3 Billion Views from
150,000,000 People

Human
Advisors + AI

Custom Insight &
Opportunities

Special Features and Definitions

Understanding Content Classification & Article Scoring

Below, you'll find an overview of the different types of content featured in the trend report, as well as a breakdown of the scoring system that's used to evaluate the performance of the content in your report.

8.8 Score

Popularity

Activity

Freshness

Consumer Insights: The what and why of major industry shifts. Consumer Insights are split into two sections: the trend section and the insight section.

Specific Examples: Carefully selected individual innovations to provide more in-depth analysis.

Clustered Lists: Collections of related examples to broaden your perspective and expose you to adjacent opportunities.

Demographics:
The target audience. This value is determined by the researcher, not by site statistics.

Freshness:
The relative newness of an article.

Activity:
The amount of people interacting with an article, including scrolling through images and sharing on social media. Something, like a bacon cupcake, might not be Popular, but could score high on Activity if people share it a lot.

Popularity:
Scoring of appeal based on how many people choose an article when given other options in the same category or cluster.

Overall Score:
All scores translate into percentiles (8.8 = 88th percentile) and overall score is the average of Popularity, Activity and Freshness.

9

Trends & Insights
Overlooked Opportunities & Examples

The global consumer trends and insights highlight the what and why of major industry shifts.

They are split into two sections:

1. the trend section, which identifies a new opportunity in a given industry, and
2. the insight section, which explores the specific target customer's motivations, attitudes, beliefs and ultimately tension behind that opportunity.

They are built on a foundation of Trend Hunter's crowdsourced trend examples, clustered together by underlying patterns.

Megatrend Matrix

Each trend relates to one or more of 18 megatrends defined by TrendHunter.
The megatrends are categorized under 6 patterns of opportunity (A-F)

A) Acceleration
1. Perfecting One Thing
2. Aspirational icon
3. Exaggerated Feature
4. Reimagined Solution

Prosumerism
From user-generated content to maker culture, todays customers are content creators and experts

B) Cyclicality
1. Retro . Nostalgia
2. Generational
3. Economic. Seasonal
4. Repetitive Cycles

Nostalgia
Fond memories fuel a desire to bring the past into the present, especially with respect to one's formative years

Catalyzation
Businesses have taken a role of accelerating the personal development of customers

AI
We are entering a transformative new era, denoted by an exponential growth in data, rams and intelligence.

Naturality
The desire for sustainable products. Including local, organic. recyclable and pronounceable ingredients.

Youthfulness
The world is becoming more playful. driven by generations not ready to grow up, including Boomers who desire a more active, enriched life

C) Reduction
1.Specialization
2. Fewer Layers + Efficiency
3. Crowdsourcing
4. Subscription

Instant Entrepreneurship
New services make it easier than ever to conceptualize, fund launch and companies

D) Redirection
1. Refocusing
2. Reversing
3.Surprising
4.Gamifying

Tribalism
Allegiant groups are more readily formed around specific interests. causes and even companies.

Curation
Hyper-targeted offerings, services, subscriptions and recommendations to simplify lives with better things.

Simplicity
In a fast-paced, cluttered world simplicity stands out, resulting in focused businesses & clean design.

Gamification
The application of game dynamics to real-world problems results in a world that's more competitive and engaging

Experience
In a world abundant with stuff: experience becomes a more important currency and life priority.

E) Convergence
1. Combining + Layering
2. Adding value
3. Co-Branding
4. Physical + Digital

Multisensation
Tech, AR and interactive experiences are raising our expectations in the realms of entertainment, retail –even food.

F) Divergence
1. Personalization, Customization
2. Status + Belonging
3. Style + Fashioning
4. Generational Rebellion

Authenticity
Social media and a resistance to traditional advertising have created a desire for authenticity and reality.

Co-Creation
Businesses, products, services and customers are increasingly co-creating an interdependent world.

Hybridization
Lines are blurring as business models, products and services merge to create unique concepts and experiences

Personalization
Small batch production technologies and more personalized media are creating an expectation for personalized

Many-to-Many
A mass proliferation of sellers and media creators has shifted the world to a many-to-many economy

Eye-Tracking Sleep Masks

SomaSleep is a CES 2023 Innovation Awards Honoree

SomaSleep is a first-of-its-kind sleep mask and a CES 2023 Innovation Awards honoree that's on a mission to help people experience better nights of rest. This eye-tracking sleep mask is designed for data collection so that rapid eye movements can be monitored for the purposes of helping people gain new insights into their sleep stages, the quality of their sleep and disruptions.

Sleep problems impact billions of people and REM is vital for learning and memory, and it can be disrupted by everything from snoring and back problems to medication and neurological illnesses. Armed with new information on how they sleep, eye-tracking mask users will experience a new way to take control of their sleep at home and on the go.

8.5 Score

Popularity

Activity

Freshness

9 Related

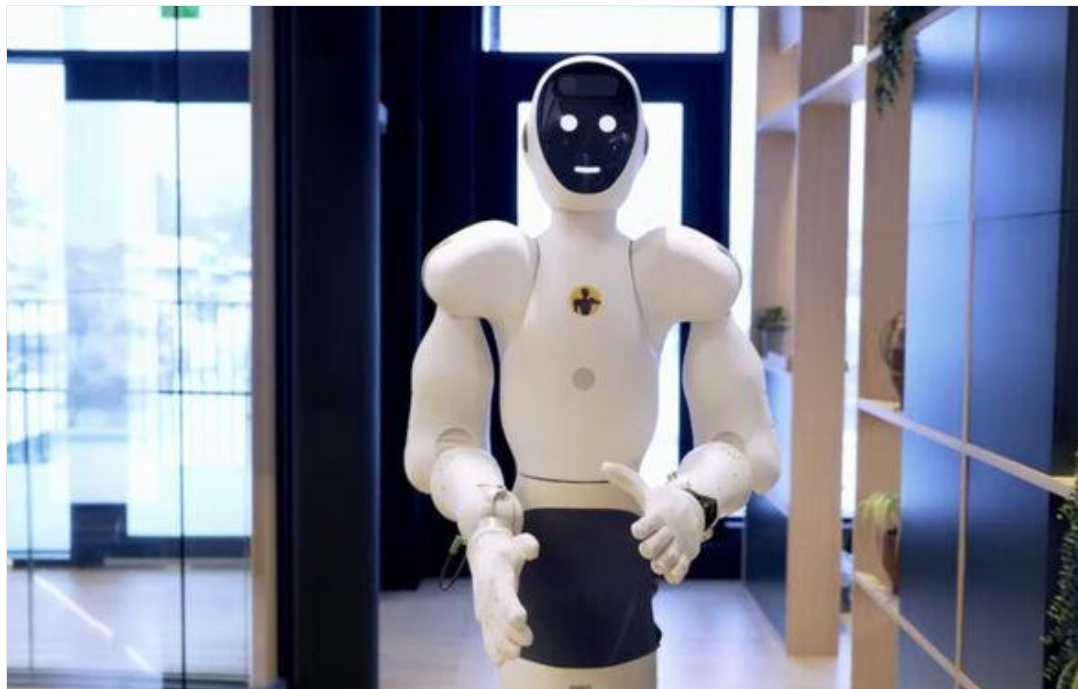9,786 Total Clicks

URL: Hunt.to/494756

Guarding Humanoid Robots

EvoGuard is a Smart Security Solution at CES 2023

ADT Commercial unveiled EvoGuard as an intelligent autonomous guarding solutions brand at CES 2023 in Las Vegas, which will help to address ongoing labor shortages, enhance corporate security programs and more. ADT Commercial is developing a humanoid robot with robotics company Halodi Robotics and EvoGuard will make the most of artificial intelligence and augmented reality.

Dan Bresingham, President, Commercial at ADT, said "Given the trends we've seen in recent years and the challenges our customers are facing in keeping their guard forces adequately staffed, we recognized an incredible opportunity to usher in a new era in guarding through technology." Armed with this technology, organizations will be able to automate routine tasks in a cost-conscious way, capture evidence of potential disturbances and rapidly respond to dangerous scenarios.

9.2 Score

Popularity

Activity

Freshness

6 Related

5,478 Total Clicks

URL: Hunt.to/496123

13

AI Hair Analysis Tech

MYAVANA Debuted the Future of Hair Care at CES 2023

Beauty-tech company MYAVANA debuted the future of hair care at CES 2023, offering a look at AI-driven hair analysis technology to support the future of the hair care industry.

Up until now, consumers have had to rely on the 1A to 4C curl pattern chart to determine their hair type but MYAVANA saw a better way to support people with natural textures. With a Unique HairID and digital hair profiles for every consumer, as well as a Hair Strand Analysis Kit, MYAVANA helps consumers better understand the unique needs of their hair based on porosity, elasticity, overall health and more.

Thanks to artificial intelligence that has the capability to provide personalized hair care recommendations, consumers and hair care professionals alike will be supported by the Black-owned, women-led beauty technology company.

7.2 Score

Popularity
Activity
Freshness

14

The LG CordZero A9 Kompressor with Steam Power Mop is Feature-Rich

The LG CordZero A9 Kompressor with Steam Power Mop has been shown off as the latest version of the brand's cordless vacuum that's focused on optimizing cleaning from multiple perspectives.

The appliance features a stick vacuum construction that's capable of capturing all dust, dirt and debris within a space thanks to the Axial Turbo Cyclone technology. The unit also features the power of steam mopping to sanitize flooring without the need for detergents thanks to its ability to heat water up to 140-degrees Fahrenheit.

The LG CordZero A9 Kompressor with Steam Power Mop also features an all-in-one docking station where the appliance can be stored between uses to charge up and also be automatically emptied. The vacuum is the winner of the CES 2023 Innovation Award.

6.8 Score

Popularity

Activity

Freshness

9 Related

3,924 Total Clicks

URL: Hunt.to/497034

15

The smart roller skate concept debuted first at CES 2015 and now, the design made a reappearance at CES 2023. The developer behind these "walking assistance roller skates" is the French start-up Rollkers and the silhouette is "now eight years in the making and agonizingly close to a production version." The brand is working with manufacturers to bring the innovation officially to market.

The smart roller skates have a built-in sensor, with the help of which the device can identify motion patterns—that is, whether you are running, walking, or simply standing. Rollkers claims that the design "provides the amount of thrust needed or stopping power to keep the user from going off balance," which is pretty impressive.

9.3 Score

Popularity

Activity

Freshness

9 Related

10,050 Total Clicks

URL: Hunt.to/496855

Co-funded by the COSME programme of the European Union

16

euro-emotur LAB8 | Haaga-Helia   TRENDHUNTER CREATE THE FUTURE

XORBIS Showcased the 'Sketcher X' Interactive Drawing Robot at CES 2023

XORBIS, a South Korean design and innovation lab, showcased the 'Sketcher X,' a humanoid robotic arm with artistic capabilities, at CES 2023. The Sketcher X is powered by an advanced artificial intelligence that can have a conversation with a human while drawing a physical image, or a sketch, of a person's face. The Sketcher X draws an image that, according to XORBIS, "reinterprets the conversation and reflects the mood on the image," meaning this is not a simple instruction-based AI artist.

The Sketcher X has viable use cases in education, entertainment, and even medical fields such as psychotherapy. While the robot could be quite effective in each of these industries, XORBIS states: "The main focus is to have a smooth conversation with users through natural language to create an experience." This shows that XORBIS is taking a very human approach to its robot, while still targeting technological advancement across various industries.

8.8 Score

Popularity
Activity
Freshness

8 Related

6,417 Total Clicks

URL: Hunt.to/496492

17

Air-Induction Showerheads

Kohler's Statement VES Infuses Water with Air for Bigger Water Drops

Kohler's Statement VES (Variable Eco-Spray) Showerhead and Handshower feature air-induction technology for a shower experience that fuses style, sustainability and luxury. The VES showerhead and handshower boast the ability to use up to 40% less water without compromising on rinsing coverage or warmth.

In fact, Kohler's air-induction tech fills air into the actual water droplets themselves so that they feel larger and retain heat for a longer period of time. The sleek, modern and style-forward shower components offer an easy way to upgrade bathing areas at home since they are easily installed.

This luxe shower system debuted at CES 2023, showing off Kohler's Katalyst air-induction technology for bigger drops for a more powerful spray.

9.6 Score

Popularity

Activity

Freshness

9 Related

5,312 Total Clicks

URL: Hunt.to/496168

18

Aromatherapy Infused Shower Pods

Kohler's Sprig Shower Infusion System Turns into a Spa

Kohler unveils its new Sprig Shower Infusion System during CES 2023, which is an all-new aromatherapy shower infusion pod that transforms the shower into a spa. It is able to attach to almost any showerhead that is paired with Sprig Shower Pods. Once the shower is turned on, the pods infuse the water stream with a plethora of scents.

This includes calming lavender or camomile or relaxing scents of eucalyptus. It also features ingredients that are meant to be food for the skin as well, including sodium and hyaluronic acid. It is noted by Kohler that all of the pods are safe to use on the entire body and they should run for "several minutes."

9.3 Score

Popularity

Activity

Freshness

1 Related

4,343 Total Clicks

URL: Hunt.to/495663

19

Artful Multifunctional AC Systems

LG Electronics Launches the ARTCOOL Gallery Air Conditioner

LG Electronics introduces its latest version of the ARTCOOL Gallery air conditioner during CES 2023 in Las Vegas. Now, the South Korean technology company unveils a look at compact design with a bright LCD screen measuring out to 27 inches. It showcases a variety of artwork that can be altered based on the current season or one's mood. The AC unit itself is powered by a Dual Inverter compressor that uses up to 70% less power than traditional home air conditioners.

LG describes the new design, stating that "On a bright LCD screen bordered by a simple, yet sophisticated frame, the ARTCOOL Gallery gives users the impression they are looking at a framed work of art rather than an advanced LG air conditioner."

7.0 Score

Popularity

Activity

Freshness
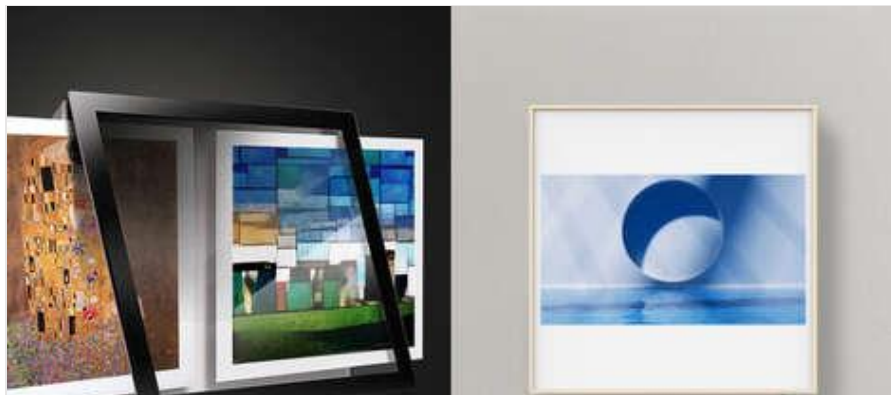
8 Related

1,762 Total Clicks

URL: Hunt.to/494962

20

Artful Air Conditioners

euro-emotur LAB 8 | Haaga-Helia   TRENDHUNTER CREATE THE FUTURE

Air conditioning units are often heavy, clunky and unappealing to look at but the LG ARTCOOL Gallery air conditioner is here to set itself apart from air conditioners of the past. This innovation from LG Electronics will be coming to CES 2023 and it's designed to display personalized content to match any room using the LG ThinQ app. This energy-efficient cooling and heating solution makes the most of LG's DUAL Inverter Compressor and 3-way indirect airflow with AI Dry.

The unit itself takes the form of a simple yet sophisticated frame and it completely disguises air conditioning functions as a work of art.

As exemplified by fridges, televisions and other large fixtures of the home, consumers are investing in versions of these products that are more artful and suited to expressing the unique qualities of their home style.

5.7 Score

Popularity

Activity

Freshness

9 Related

8,007 Total Clicks

URL: Hunt.to/494836

Co-funded by the COSME programme of the European Union

21

The Tourism Trends in Post Pandemic era

Haaga-Helia

Briefing: Diving into the emerging trends within the tourism space, focusing on innovations within the hotel space including looking at the integration of technology, innovations in check-in, and trends in hotel experiences.
Takeaway: With the pandemic coming to an end and consumers start to emerge out of their home to travel again, many are looking at new experiences in a safe yet adventurous manner. This report highlights the strides that the hospitality industry have taken to meet consumer needs. Curated travel, unique housing, and digital transformation have all been enhanced or transformed for post pandemic tactics.

Top Insights

Proximity Escape   *Brands are launching local vacations and curated experiences during COVID-19*
Trend - As traveling has substantially subsided during the ongoing pandemic, brands in the travel and hotel industry are launching special discounts, contests, and offers for unique experiences in one's vicinity. With features focusing exclusively on wellness, these initiatives are boasting a short-term change of pace for an individual or a small group. Insight - Due to the government's orders, pertaining to health and safety during the COVID-19 pandemic, many individuals have diligently cancelled all non-essential travel plans and remained socially distant at home. As time goes on, consumers are becoming more and more restless in their personal quarters, especially if they share a space with family or roommates. Recognizing that they need a change of pace, many individuals are opting-in for short escapes [continued online]

Eclectic Overnight   *P2P hospitality companies offer more unique, one-of-a-kind housing options*
Trend - Seeking to create more personalized overnight experiences, P2P hotel rentals like Airbnb are expanding their options to include unique, outside-the-box options for guests looking for something a little bit different. Moving beyond just minimalist aesthetics and high-end decor, alternative options are emerging that speak to more kitschy, non-typical overnight stays. Insight - The growth of the hospitality space has coincided with the growing consumer desire for one-of-a-kind experiences. This desire is fueled by social media's influence on consumers–where the most visually interesting experiences and adventures are able to gain traction among peers. Thus, travel brands that are able to facilitate unique experiences for tourists are able to gain an advantage–particularly among younger demographics.

Digital Companions   *Digital platforms keep travelers informed during COVID-19*
Trend - Airlines and airports are launching digital platforms containing information for travelers. The aim is for these platforms to house the most current information regarding COVID-19, such as rules, requirements, testing options and a space to record test results and vaccination records. Insight - With changing travel patterns since the rise of COVID-19, it's more important than ever for consumers to be kept abreast of important rules and information while on the go. As rules surrounding social distancing, testing and quarantine are continuously evolving, travelers can find it tough to keep up with pertinent information as it arises. Quick access to this information will continue to be relevant, as the rules surrounding travel are likely here to stay.

Post-Pandemic Tourist-Focused Pubs
The London Eye Pub Has an Exclusive Intimate Atmosphere

Video Game-Themed Hotels
Atari Will Open a Gaming Hotel in Phoenix with AR and VR Experiences

Modern Hotel Makeovers
The Hilton Charlotte Airport Hotel Features Spacious Upscale Interiors

Post-Pandemic Hotel Concepts
The Manser Practice Envisions the Future of Hotel Operation

Proximity Escape

Brands are launching local vacations and curated experiences during COVID-19

Trend - As traveling has substantially subsided during the ongoing pandemic, brands in the travel and hotel industry are launching special discounts, contests, and offers for unique experiences in one's vicinity. With features focusing exclusively on wellness, these initiatives are boasting a short-term change of pace for an individual or a small group.

Insight - Due to the government's orders, pertaining to health and safety during the COVID-19 pandemic, many individuals have diligently cancelled all non-essential travel plans and remained socially distant at home. As time goes on, consumers are becoming more and more restless in their personal quarters, especially if they share a space with family or roommates. Recognizing that they need a change of pace, many individuals are opting-in for short escapes that are convenient, safe, and nearby.

Royal Staycation Caravans
The Royal Caravan Replicates the Queen's Buckingham Palace Residence

Urban Hanging Hotels
Jeep's Renegade Motel Promotes a Sky-High Staycation

Self-Quarantine Special Healthcare Packages
Mövenpick & Bangkok Hospital Focus on Comfort

Locally Hosted Canadian Tours
A Free Contiki Adventure Trip Can Be Won Through This Contest

Solitude-Themed Hotel Promotions
Hotels.com is Offering a 'Get A Break Rate' for Feuding Couples

7.2 Score

Popularity

Activity

Freshness

23

Scientific Stay

Hospitality businesses are partnering with science experts to boost experience

Trend - Luxury travel brands are known to rely on unique activities to attract travelers and, most recently, the emphasis has fallen on science-backed experiences that combine education and wonder. Hotels are partnering up with scientists and experts to deliver involved and collaborative explorations of surrounding nature.

Insight - When going on vacation, contemporary consumers often look for activities that they can enjoy at their destination and much of this search is motivated by curiosity and the need to escape from the mundane. In this space, many are prioritizing activities that will allow them to learn and/or experience something new. This demand is usually driven by a desire to enrich one's life and when this is satisfied, consumers feel inspired and energized.

Massive Hotel Aquariums
Four Seasons Resort Hualalai Brings New Experiences to the Fore

Educational Stargazing Hotel Experiences
Hyatt Regency Maui Resort and Spa Boasts a New Package

Stargazing Hotel Experiences
The Kimpton Vero Beach Hotel & Spa Offers Stargazing on the Sea

Adventure-Encouraging Experiences
Hyatt Hotels Corporation Announces 40+ Unique 'Explor-cations'

7.5 Score

Popularity
Activity
Freshness

Eclectic Overnight

P2P hospitality companies offer more unique, one-of-a-kind housing options

Trend - Seeking to create more personalized overnight experiences, P2P hotel rentals like Airbnb are expanding their options to include unique, outside-the-box options for guests looking for something a little bit different. Moving beyond just minimalist aesthetics and high-end decor, alternative options are emerging that speak to more kitschy, non-typical overnight stays.

Insight - The growth of the hospitality space has coincided with the growing consumer desire for one-of-a-kind experiences. This desire is fueled by social media's influence on consumers—where the most visually interesting experiences and adventures are able to gain traction among peers. Thus, travel brands that are able to facilitate unique experiences for tourists are able to gain an advantage—particularly among younger demographics.

Expressive Rainbow-Inspired Abodes
Big Bit is a Whimsical Rentable Apartment in Margate Old Town

Overnight Travel Experiences
Airbnb Just Launched 'Airbnb Adventures' for Ambitious Travelers

Overnight Museum Stays
Airbnb is Allowing Two People to Spend the Night at the Louvre

Branded Vehicle Rental Promotions
The Oscar Mayer Wienermobile is Available for Rental on Airbnb
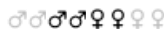

Supersized Potato Hotels
You Can Stay Inside a Giant Potato Airbnb in Boise, Idaho

6.7 Score

Popularity

Activity

Freshness

Hyper-Localized Tourism

Consumers are staying close to home when planning trips

Trend - Amid the COVID-19 pandemic, consumers are flocking to local tourist attractions as a way to enjoy the landscape in their own country. These include everything from drive-in music festivals to local tours and hotel visits.

Insight - With social distancing measures still being recommended by healthcare professionals, and enforced in many countries, consumers are unable to travel in the way they could pre-pandemic. The pursuit of fun has prompted many consumers to explore local attractions and take leisure trips as a way to elevate boredom and safely enjoy time with family and friends.

Social Distancing Parks
Precht's Maze-Like Outdoor Park Uses Tall Hedges to Encourage Separation

Drive-In Music Festivals
The Metamorphosis Drive-In Music Festival Was Recently Hosted in Houston

Safety-Focused Museum Toolkits
Isometric Studio Has Released Visual Guidelines for Post-COVID

Safety-Focused Theme Parks
Legoland Florida Resort is Ending Its Nearly Three-Month Shutdown

4.4 Score
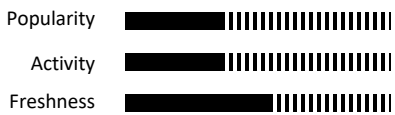
Popularity
Activity
Freshness

26

Post-Pandemic Tourist-Focused Pubs

The London Eye Pub Has an Exclusive Intimate Atmosphere

The London Eye Pub opened atop the world-famous tourist attraction offering guests unparalleled views of the London skyline alongside a couple of rounds of drinks. The pub itself has a refined esthetic that features rich, wooden furniture accented by red cushioning and decorated with flowers. The pub also has a dartboard for casual entertainment. Given the attraction's 443-foot height and all-glass exterior, the London Eye Pub allows guests to enjoy a 360-degree view of the city.

Access to the London Eye Pub is available through a 30-minute package which includes two drinks per guest and a souvenir enamel gin cup. The bar offers Beefeater Gin as well as craft beer and wine. Experiences in the London Eye Pub can be booked on the London Eye website.

7.3 Score

Popularity

Activity

Freshness

Luxury Hotel Sleep Clinics

euro-emotur LAB8 | Haaga-Helia   TRENDHUNTER CREATE THE FUTURE

The Mandarin Oriental Geneva launched an innovative new initiative to address sleep problems through its sleep clinic hotel packages. The 3-day package offers luxurious accommodations to two guests that include access to amenities such as daily credit for the hotel's restaurant and room service, complimentary breakfasts, and selections of herbal teas and pillows.

The Mandarin Oriental Geneva's sleep package, developed with the CENAS sleep clinic, provides one guest with a one-night stay in a VIP suite for the sleep test as well as round-trip transportation to and from the clinic. During guests' stay, they can use the hotel's extensive wellness resources, including a gym, sauna, and spa. At the end of their stay, the guest who underwent the sleep clinic will receive a sleep report and diagnosis based on their results. The Mandarin Oriental Geneva's new product offers consumers an essential health service packaged within a lavish getaway.

5.1 Score

Popularity

Activity

Freshness

Post-Pandemic Hotel Concepts

The Manser Practice Envisions the Future of Hotel Operation

UK architecture studio The Manser Practice has released a design concept for the post-pandemic hotel, creating a blueprint for what hospitality businesses might need to consider in the future when COVID-19 restrictions are lifted and people begin to travel again.

The Manser Practice emphasizes that post-pandemic hotels will embrace touchless access and will limit in-person services like receptionists, for example. A key concern for guests will be cleanliness and the studio goes as far as to suggest that consumers will demand "one-way systems and larger rooms with inbuilt gyms."

In the near future, however, the post-pandemic hotel needs to focus on limiting interaction between staff and guests, and it can do so by implementing "touchless check-in with temperature checks, [as well as] doors [that can be] opened using smartphones."

8.1 Score

Popularity
Activity
Freshness
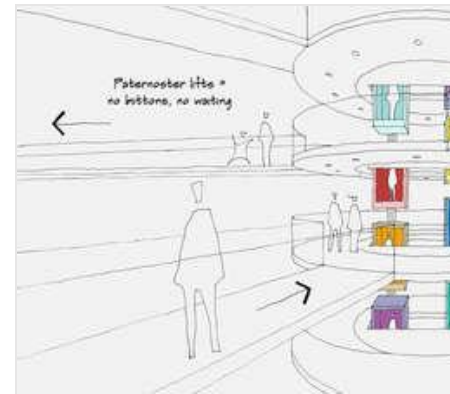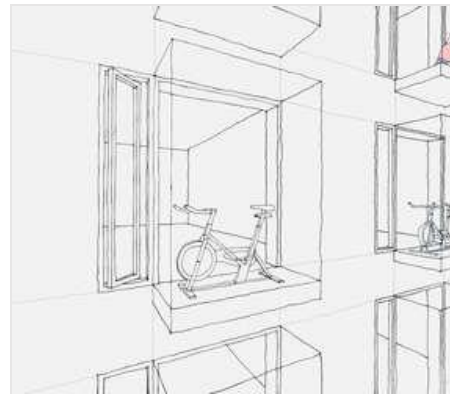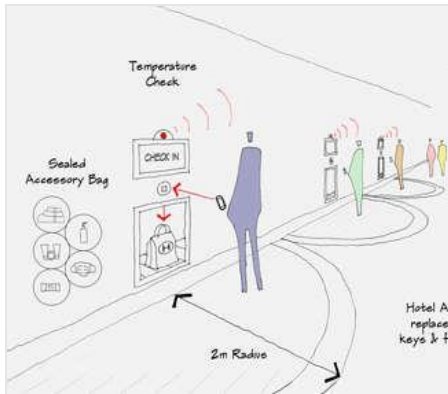
Sleep Spa Hotels

Hästen Created a Destination That Emphasizes Health & Wellness Through Sleep

Swedish bed maker Hästen created a Sleep Spa Hotel with Portugal's O Valor do Tempo luxury group so that people can experience high-quality rest like never before. The experience puts an emphasis on health and wellness through sleep and it spotlights "the world's best mattresses to aid both physical and mental well-being."

The opulent Sleep Spa goes above and beyond providing guests with comfortable places to sleep, as there are services like Bed Talks that help to provide education on sleeping positions and more. Those who love to invest in quality rest will be delighted by pillow menus, curated music playlists and in-room channels with videos for sleep health. At the hotel, each room is unique and provides a restful experience for the mind and body.
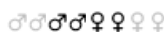
7.6 Score

Popularity

Activity

Freshness

30

Ethereal Eco-Conscious Oceanic Hotels

The Anthénea Floating Hotel Suite Offers Luxury Amenities

The Anthénea floating hotel suite is an ethereal accommodation for travelers seeking to enjoy time away that is luxurious, relaxing and eco-conscious. The floating suite is appointed with all the essential amenities that guests would expect to have in their accommodations including tranquil living space, a cozy bed, premium bathroom amenities and ample outdoor space. The unit features a covered sundeck on the roof that's perfect for enjoying with friends or for watching the sunset, while the exterior sides of the suite are accented by a deck that runs around the entirety of the unit for lounging out of the water.

The Anthénea floating hotel suite is the design work of Jean-Michel Ducancelle of Anthénea and boasts a solar-powered design that also has certified black and gray water stations.
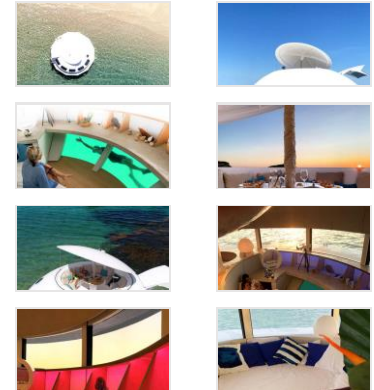
8.0 Score

Popularity

Activity

Freshness

euro-emotur LAB8 | Haaga-Helia   TRENDHUNTER CREATE THE FUTURE

The 'COMBOKIT I' Portable Power Station Has a 620Wh Capacity

The 'COMBOKIT I' portable power station is a travel-friendly solution for users looking to stay connected when heading out to their favorite locations. The unit boasts a 620Wh capacity and is equipped with a total of nine outputs to work seamlessly with any appliance or device. The compact design of the battery pack means it's ready to be carried anywhere, while the wear-resistant, dirt-resistant and weather-resistant design means it's ready to withstand exposure to the elements.

The 'COMBOKIT I' portable power station can be quickly recharged in as little as 99-minutes and is also compatible with solar panels for off-grid use. The power station comes in white and black finish options, and responds to the ever-increasing need for outdoor-ready power solutions.

6.4 Score

Popularity
Activity
Freshness

Post-Pandemic Airplane Cabins

The 'Pure Skies' Airplane Cabin Design Imagines the Future of Travel

The 'Pure Skies' airplane cabin design has been developed by PriestmanGoode as a rendering of how air travel could look in a post-pandemic world to help enhance hygiene and reinforce passenger safety.

The cabin designs include renderings of both Economy Class and Business Class, which features a number of innovative materials and the latest technologies for enhanced comfort. Pure Skies Zones is a rendering of Economy Class with dividing screens every other row for an enhanced feeling of personal space, while Pure Skies Rooms imagines Business Class with a fully enclosed space that's paired with full-length curtains.

The 'Pure Skies' airplane cabin design highlights smooth lines and surfaces that are easier to clean along with UV-C technology to eradicate germs between flights.

8.6 Score

Popularity

Activity

Freshness
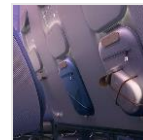
Private Luxury Lifestyle Clubs

The Filter Club Combines Work, Wellness, and Socialization

This private lifestyle club, dubbed the Filter Club, is located in Philadelphia, Pennsylvania. Designed by M-Rad, the club is owned by David Gustadt, who drew from his experience in hospitality. He teamed up with other industry workers to create a 136,000 square foot, leading-edge technology lifestyle space with his prior knowledge.

The space is an intersection between work, wellness, and social in a modernist ambiance. Filter Club takes the place of the former Marketplace Design Center while retaining the structure's historic exterior. Featuring 14 expansive guest rooms, the club boasts stunning interior finishings and designs, including collaborations with Studio Frazar and Fury Design Inc. Equipped with urban gyms, travelers can choose to work in the club's flexible open workspaces or its more private office suits.

7.8 Score

Popularity

Activity

Freshness

34

Tourism-Focused Electric Submersibles

The High-Tech 'Nexus' Submersibles Offer Unrestricted Views

U-Boat Worx, the Netherlands-based submersible company that caused a literal and figurative splash with the advent of its 'Cruise Sub' tourist vessel, is now introducing an expanded and upgraded electric submersible in the form of the 'Nexus.'

Available in eight-seater and seven-seater versions, the 'Nexus' electric submersible is capable of tolerating depths of up to 200m. Equipped with a pressure-resistant lithium-ion battery pack, this submersible can handle up to 18 hours of operation on a full charge, and is said to be able to attain a top speed of three knots thanks to its array of 10 thrusters that generate 6.4 kilowatts.

Other innovations that are visible in this electric submersible include an enlarged hatch for easy entry and exit, as well as an interior design that aims to provide unhindered views in all directions.

5.8 Score

Popularity

Activity

Freshness

Autonomous Disinfecting Robots

LG's Disinfecting Robot Can Disinfect a Room in 30 Minutes

LG's disinfecting robot is preparing for the current world, as well as a post-COVID world, presenting an autonomous robot that can create a germ-free room in a matter of minutes. Making its debut at CES 2021, this device is set to serve as a solution to high-trafficked areas, like schools, restaurants or hotels.

According to the brand, the autonomous robot has the ability to completely disinfect a room in just 30 minutes, providing inhabitants with peace of mind. According to LG's Business Solutions USA vice president Michael Kosla, "A higher level of disinfection is going to become the new customer expectation in the new contactless economy where we now all live, work, learn, and play".

8.3 Score

Popularity

Activity

Freshness

Hygiene-Focused Travel Kits

The Travel Safe Portable Hygiene Kit Was Made for Post-Pandemic Travel

A year ago, a traveler might have purchased a travel kit full of comfort-focused essentials like inflatable neck pillows and earplugs but in response to a global pandemic, travel kits are being reworked with a focus on safety and hygiene. The Travel Safe Portable Hygiene Kit was developed by Enviro-Point includes the new essentials for travel like multiple pairs of disposable gloves, a small bottle of hand sanitizer and disinfectant alcohol wipes.

The kit was created in response to the fact that even though most people aren't thinking about travel, they will want to be prepared to take personal steps to reduce the infection rate. As the new norm sees people using face masks, antibacterial wipes and hand sanitizers in daily life, travelers are being introduced new new essentials.

8.1 Score

Popularity

Activity

Freshness

TOURISM INDUSTRY CASES

Tourism industry cases and business models

Briefing: This report dives into how technological innovations are being adapted towards the tourism industry.
Takeaway: With the rapid development of technology and introductions of concepts such as the Metaverse, NFTs and Web3, various consumer facing industries are impacted and are therefore working to see how they can integrate this technology into their products or services. From this, we see various solutions which tackle different travel and tourism aspects such as planning, translation and more. These cater to and keep up with consumers' ever growing curiosity and expectation for convenience.
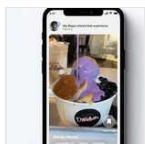
Top Insights

Web3 Tourism *The travel industry is beginning to integrate aspects of a decentralized Internet*
Trend - At face value, technologies like the Metaverse or NFTs seem antithetical to the travel industry in that they challenge the value of physical over digital. However recent developments in the tourism industry show Web3 technologies adding delight and convenience to various parts of the journey, from booking to an in-person experience. Insight - Web3 is defined as the next iteration of the Internet; it focuses on decentralization via the Metaverse, NFTs, and token-based economics. This shift in technology is slowly impacting various consumer-facing industries, though for now, in small, experimental ways. The tourism industry is one ripe for disruption considering how much necessary change it's sustained due to the pandemic. Specifically, this industry is more open to technological and non-physical [continued online]

AI Travel *AI-based travel-planning apps take some of the work out of traveling*
Trend - Smart-planning apps for travelers are becoming more popular, particularly as pandemic-prompted travel restrictions have lifted. Now, consumers are able to create customized itineraries with the help of AI-based apps that give users a better idea of local offerings and geographies. Insight - The use of smart technology to streamline aspects of consumers' lives has resulted in people being able to organize their time more effectively, and in a way that's personalized to their exact interests. The convenience that predictive technology offers consumers is a major draw, resulting in everything from daily rituals to infrequent events like travel being made easier with the help of AI.

App-Based Guide *App-based travel and activity guides prevail as pandemic restrictions lift*
Trend - As we enter a post-pandemic world and travel restrictions lift, app-based travel and activity guides are becoming the norm. These digital guide activations help travelers explore the world while limiting their contact with tour groups to remain mindful of the ongoing global health concerns. Insight - Consumers are eager to travel now that the global vaccination rate against COVID-19 has increased, and restrictions lifted. However, travelers are maintaining some pandemic-induced habits, such as finding convenient and online alternatives to certain activities. The travel and hospitality industry is leveraging app technology to accommodate new consumer habits and continue offering guided services.

Mauritius-Based Travel Technology
CodeGen Secures a Booking Tech Deal with Ambiance Holidays

Airport Authentication Technology
Abu Dhabi Airports Tested New Facial Recognition Technologies

Futuristic Dubai Discovery Museums
The Museum of the Future Offers a Range of Experiences

Multi-Purpose AI Translation Devices
Vasco Electronics Recently Launched the Vasco Translator V4

Futuristic Dubai Discovery Museums

The Museum of the Future Offers a Range of Experiences

The Museum of the Future has been designed by Killa Design as a destination for those curious about past, present and future technologies to help them experience them in an immersive manner. Situated in Dubai, the museum whisks guests away several decades into the future or shows them what life was like hundreds of years before to offer a range experiences across the spectrum of technological innovation. Visitors can even virtually visit the Amazon rainforest, explore the vault of life or take a look at the DNA library where thousands of species can be observed.

The Museum of the Future consists of three main areas including the building itself, the void and the green hill, which encourages guests to explore everything the experience has to offer.

5.1 Score

Popularity

Activity

Freshness

9 Related

18,248 Total Clicks

URL: Hunt.to/472249

40

Airport Authentication Technology

Abu Dhabi Airports Tested New Facial Recognition Technologies

Abu Dhabi Airports has introduced advanced biometric technology in order to validate a passenger's identity through facial recognition. By implementing this technology, airports can reduce waiting times for boarding passes and passport checks. Smart cameras will work to capture an image of an individual and confirm whether they are who they claim to be on their identification.

This check will clear the individual for travel without the need for human interaction at an airport desk. This information is then used before boarding, so consumers do not have to reproduce their documentation to fly. The technology is currently being tested at the United States Customs and Border Protection (CBP) facility at Abu Dhabi International Airport.

Jamal Salem Al Dhaheri, managing director and chief executive officer of Abu Dhabi Airports, said: "We are looking forward to leveraging this holistic biometric technology. The project will commence at Abu Dhabi International Airport and then transfer to the new Midfield Terminal in the future as we continue to be committed to enhancing the airport services and experience."

3.7 Score

Popularity

Activity

Freshness

8 Related

5,633 Total Clicks

URL: Hunt.to/492153

41

Digital Duty-Free Catalogues

Tappoo Duty Free sand SkyBuys Launch an App for Fijian Travel Retail

A new partnership between Tappoo Duty Free and SkyBuys promotes duty-free sales and travel retail to international passengers as the island's tourism industry recovers. With the SkyBuys app, international travelers can browse duty-free and travel retail inventory before or during their journey. Once purchases are made, shoppers can pick them up at the store's cashier without waiting in line.

The executive director of Tappoo Duty Free, Kaushal Tappoo, discussed the importance of digital strategies when it comes to attracting new travelers. "We are proud to be working with SkyBuys," he said. "Accessing the SkyBuys platform to talk to customers in a new way and have a better understanding of their shopping behaviours will be a fantastic opportunity. We will also utilise promotions as they are a key part of our strategy, with a particular emphasis on liquor and confectionery."
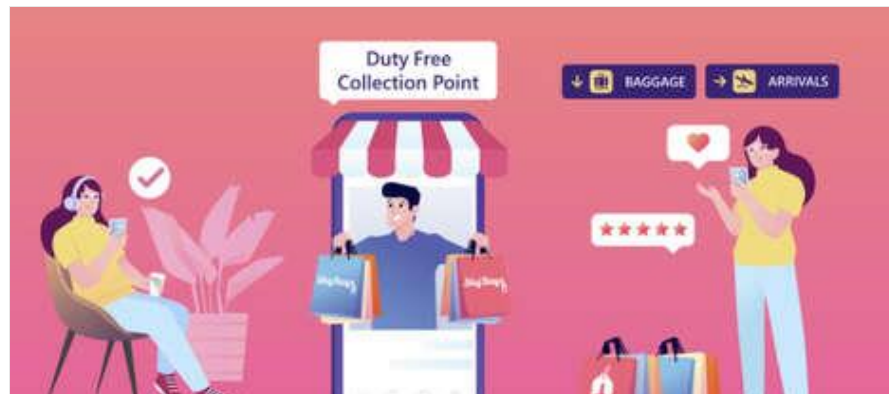
3.9 Score

Popularity

Activity

Freshness

9 Related

2,567 Total Clicks

URL: Hunt.to/491439

42

Solar Energy-Capturing Tents

The Jackery LightTent-AIR Has its Own Eco Energy System

The Jackery LightTent-AIR is a solution for avid campers to support extended living in outdoor environments without having to leave all the comforts of home behind. The tent was shown off at CES 2023, and boasts sleeping space for four to five people and as an inflatable frame that's self-supporting with a flame-retardant and waterproof PVC-coated fabric for the exterior. A series of solar panels extend out from the body of the tent to capture up to 1,200W of power during the day, which can be stored in electricity storage modules for use beyond the daylight hours.

The Jackery LightTent-AIR could help to greatly enhance off-grid capabilities and even allows the extending solar panels to be used as awnings for expanding outdoor living space. The tent is expected to be available commercially within two years.

9.9 Score

Popularity	
Activity	
Freshness	

9 Related

71,650 Total Clicks

URL: Hunt.to/496895

43

Game-Based Tourism Campaigns

Tourism Ireland Used the Wrath of the Druids DLC for its PR Campaign

Tourism Ireland tapped game studio Ubisoft to use Assassin's Creed Valhalla's upcoming Wrath of the Druids expansion in its tourism campaign. The unlikely collaboration is showcased in a 38-second promotional video that alternately blends elements of the video game with real shots of Ireland's topography. The video is marketed towards video game fans, and younger consumers as Tourism Ireland looks to entice a new demographic. The campaign will also tap popular video game streamers to increase the brand's reach and engagement.

The game footage is taken from the Wrath of the Druids DLC, released on May 13th, 2021. The expansion to Assassin's Creed Valhalla sees the Viking protagonist sail across the sea to early Ireland. The Wrath of the Druids DLC allows players to visit iconic Irish landmarks like the Giant's Causeway, the Hill of Tara, and Dark Ages Dublin.

Explore Viking Ireland in ASSASSIN'S CREED VALHALLA — WRATH OF THE DRUIDS

4.0 Score

Popularity

Activity

Freshness

9 Related

6,817 Total Clicks

URL: Hunt.to/454816

Co-funded by the COSME programme of the European Union

44

euro-emotur LAB8 | Haaga-Helia   TRENDHUNTER CREATE THE FUTURE

Atari Will Open a Gaming Hotel in Phoenix with AR and VR Experiences

Atari recently announced that it will create video game-themed hotels in the United States. The first location will be located in Phoenix and it will open later in 2020. Atari also indicated that the other hotels will be located in Las Vegas, Denver, Chicago Austin, Seattle, San Francisco, and San Jose.

The Phoenix location was designed by Shelly Murphy and Napoleon Smith III, from GSD Group. The video game-themed hotels will feature various VR and AR experiences, and will also be able to act as an esports venue. Napoleon Smith III spoke about the design of the hotel, "When creating this brand-new hotel concept, we knew that Atari would be the perfect way to give guests the 'nostalgic and retro meets modern' look and feel we were going for."

7.5 Score

Popularity	
Activity	
Freshness	
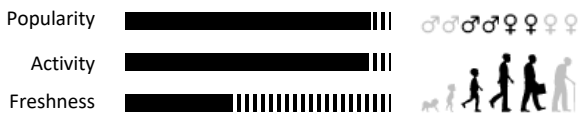
9 Related

17,314 Total Clicks

URL: Hunt.to/421943

45

Aquatic Energy-Harvesting Floating Hotels

The 'Eco-Floating Hotel' Captures Energy from Water Flow

The 'Eco-Floating Hotel' is a futuristic floating accommodation designed by the Hayri Atak Architectural Design Studio (HAADS) that is focused on offering a breathtaking guest experience as well as eco benefits. The hotel is designed for Qatar where it would flat on the water to offer 152 rooms for guests along with ample amenities throughout. The system would make use of a Dynamic Positioning system to stay in place, while also passively capturing energy from the natural flow of the water.

The 'Eco-Floating Hotel is further enhanced with 55 vawtau modules to capture the energy of the wind in a design-conscious manner. The hotel is expected to be ready by 2025 and identifies the ways accommodations are being created with a stronger attention to the environment.

9.4 Score

Popularity	
Activity	
Freshness	
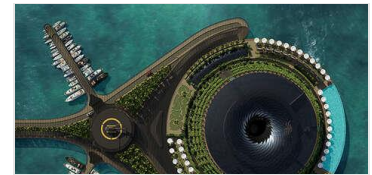
9 Related

32,283 Total Clicks

URL: Hunt.to/449084

Instant Vacation Rentals

NextPlay Technologies, Inc., a technology solutions company, and Fareportal, a travel technology company, have partnered to integrate the NextTrip ConNextions booking system into CheapOair. This travel agency offers consumers cheap and last-minute travel deals for worldwide flights. With NextPlay's help, CheapOair will allow travelers to search, book, and confirm reservations from alternative lodging rental properties, giving them the tools necessary to book air, car, and event packages simultaneously.

"The ability to instantly confirm vacation rentals is a real step forward in convenience for CheapOair customers," stated Glenn Cusano, Co-CEO and CFO at Fareportal. "[...] The hundreds of travel agents and millions of travel customers on our platform now have more choices to create the perfect travel package and create extraordinary travel experiences."

6.6 Score

Popularity

Activity

Freshness

3 Related

2,258 Total Clicks

URL: Hunt.to/492071

Co-funded by the COSME programme of the European Union

48

Accessible Charter Booking Apps

Aviation Marketplace FLYJETS Debuts a New Mobile App and Features

FLYJETS is debuting a new mobile app and automated scheduling system, along with the 'FLYCalendar' and 'FLYGreen' features. FLYJETS' new system allows consumers to utilize automation and technology-enabled network effects in order to show travelers affordable charter rates and "empty leg" discounts. Similar to a two-sided marketplace and search engine, the platform allows Aircraft Providers to upload flight availability information so travelers can select and book specific aircraft and routes in real time.

Additionally, through FLYGreen, flyers can purchase carbon offsets and track their FLYRewards. FLYJETS also has plans to expand the FLYGreen system to include electric flight, sustainable aviation fuel, and more eco-friendly initiatives. To manage group booking opportunities and "in-network empty leg match-ups," the FLYCalendar feature acts as a volume aggregator.

4.5 Score

Popularity

Activity

Freshness

4 Related

3,452 Total Clicks

URL: Hunt.to/492068

49

World View Unveils its Balloon Spacecraft for Passenger Flights

World View, a space tourism company, unveiled a balloon spacecraft designed by PriestmanGoode. The capsule will fly passengers to the edge of the Earth's atmosphere using a giant balloon. The first passenger flights are set to begin in 2024.

Prospective passengers have already begun booking their slots and making deposit payments for the commercial spaceflight. The balloon spacecraft is designed to be lifted by a zero-pressure stratospheric balloon. It will rise 30,000 meters above the ground to allow passengers to see the Earth's curvature. Passengers will also view the thin blue line of the atmosphere and the darkness of the surrounding outer space. The space pod is shaped like a hexagon. It offers enough space for eight passengers and two crew members in a climate-controlled, pressurized environment.

7.9 Score

Popularity	
Activity	
Freshness	

9 Related

7,280 Total Clicks

URL: Hunt.to/474831

Co-funded by the COSME programme of the European Union

50

Metaverse Technology Softwares

MeetKai Debuts an Array of New Technologies at CES 2023

MeetKai, a Conversational AI and metaverse company, has officially launched MeetKai Reality, MeetKai Metaverse Editor, and the MeetKai CloudAI technologies to streamline the metaverse experience without the need for expensive hardware. MeetKai Reality is a brand-new software platform that enables people to digitize real-world environments and instantly produce 3-D reproductions using mobile devices.

Sophisticated tools, virtual construction, and space creation are made simple with the MeetKai Metaverse Editor. With the help of MeetKai's editor, anyone may create metaverse material and collaborate with others in real-time, simplifying individual and business metaverse projects.

"[...] Our vision and mission for MeetKai is to deploy these capabilities to the masses by offering groundbreaking and affordable solutions, accessible from web browsers and any device – like phones, tablets, computers, large screens, not just VR – available anywhere in the world for greater impact and better lives for all," said Weili Dai, MeetKai Co-Founder and Executive Chairwoman.

6.7 Score

Popularity

Activity

Freshness

8 Related

2,136 Total Clicks

URL: Hunt.to/495756

51

Space Tourism Capsules

'Space Perspective' is Charging $125,000 for Trips on its Spaceship Neptune

'Space Perspective,' the Florida-based space travel company, announced the finalization of its upcoming space travel capsule, the 'Spaceship Neptune.' This is a large spherical capsule with separated compartments, each with a window looking outward into space. The small capsule will be raised up by a balloon that is many multiples larger than the capsule itself, similar to a hot-air balloon.

Space Perspective has begun selling tickets to the public, providing curious customers with the opportunity to enter outer space for a brief time. Each ticket costs $125,000 USD for a 20-mile-high flight into space that provides full 360-degree viewing angles of as far as 450 miles away. This means each traveler will get to see a large portion of the earth from out in space. As of now, approximately 900 tickets have been sold, booking trips on the spaceship through to 2025.

According to Space Perspective, the Spaceship Neptune is carbon-neutral and is a sustainable method of delivering orbital-height flights.

7.9 Score

Popularity

Activity

Freshness

4 Related

5,341 Total Clicks

URL: Hunt.to/484695

52

NEUROMARKETING AND CONSUMER TRACKING

LAB8 | Haaga-Helia

Neuromarketing and Tracking Consumer Behavior

Haaga-Helia

Briefing: Here, we look at consumer behavior research and tracking across industries to uncover the latest trends.
Takeaway: Consumers look for products that can be seamlessly integrated into their routines across various spaces including their health, fitness, payment, baby monitoring and more. Brands are therefore integrating seamless solutions through wearables and other technology that involves sensory and movement tracking in various ways. These solutions are developing with new iterations daily - and will continue to do so across industry wide spaces.

Top Insights

Health Hub *Smart home hubs prioritize the health of those living within the household*
Trend - Smart home hubs are now being designed as additional ways for consumers to keep track of various health-related metrics. These hubs are offering everything from medication management to sleep pattern-tracking. Insight - Consumers are increasingly relying on technology to help them maintain their health and fitness routines, which has been accelerated by factors like having to maintain fitness outside of the gym in recent months. This shift in consumer behaviour has people wanting products that can be seamlessly integrated into their routines, but help motivate them to pursue new goals at the same time.

Gesture Kiosk *Gesture-controlled interfaces use hand-tracking technology to reduce health risks*
Trend - Retail and entertainment industries are opting for gesture-controlled kiosk interfaces to enhance the user experience without contact-related health and safety risks. Hand-tracking technology registers the user's movement to allow touchless screen navigations. Insight - Amidst the ongoing pandemic, consumers are wary of high-touch zones due to the health risks they pose. While in-person restrictions are lifting in public spaces, consumers are looking for new ways to interact with retail and entertainment products that mimic the safety of a virtual setting. By digitizing brick-and-mortar spaces with touchless technology, consumers are more likely to feel safe throughout their shopping experiences.

Reactive Nursery *Baby toys and monitors react to babies' needs in the moment*
Trend - Nurseries are being deocorated with toys and baby monitors that are able to detect and respond to babies' behaviors in the moment. Examples in this space include toys that sense when babies cry and play soothing sounds in response. Insight - Parents and caregivers to newborns tend to have a lot on their plate, particularly as households where all adults work are more common. To relieve some parental duties, some are turning to technology that helps to teach, soothe, and/or generally monitor their children in order to make raising infants slightly easier.
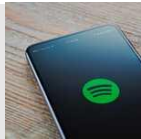
Emotion-Detecting Music Patents
Spotify's New Patent Aims to Understand a User's Emotions

Accessible Fitness-Focused Smartwatches
The Moto Watch 70 Tracks Sports and More

Style-Conscious Health-Tracking Rings
The Oura Ring Gen3 Horizon Has Research-Grade Sensors

Health-Sensing Earbuds
The Anker Soundcore Liberty 4 Earbuds Monitor the Heartbeat

Health Hub

Smart home hubs prioritize the health of those living within the household

Trend - Smart home hubs are now being designed as additional ways for consumers to keep track of various health-related metrics. These hubs are offering everything from medication management to sleep pattern-tracking.

Insight - Consumers are increasingly relying on technology to help them maintain their health and fitness routines, which has been accelerated by factors like having to maintain fitness outside of the gym in recent months. This shift in consumer behaviour has people wanting products that can be seamlessly integrated into their routines, but help motivate them to pursue new goals at the same time.

Smart Wellness Mirrors
CareOS' Themis Smart Mirror is a CES 2021 Innovation Awards Honoree

Remote Cardiac-Tracking Devices
HD Medical's Revolutionary Device Made its Debut at CES 2021

Health-Focused Smart Home Hubs
The Google Nest Hub 2 Tracks Sleep Quality and More
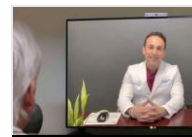
Senior-Focused Health Applications

Toothbrush Speaker Systems
The Wavee W-1 Toothbrush Speaker System is Water Resistant and Engaging

All-in-One Health Tracker Hubs
The 'Aware' Domestic Health Kit Tracks for COVID-19 Symptoms

Vaccination-Finding Smart Assistants
Amazon Alexa Users Can Ask the Device Where to Get Their Shot

Smart Assistant Telehealth Features

Assistive Wellness Smartwatches

6.5 Score

Popularity

Activity

Freshness

Gesture Kiosk

Gesture-controlled interfaces use hand-tracking technology to reduce health risks

Trend - Retail and entertainment industries are opting for gesture-controlled kiosk interfaces to enhance the user experience without contact-related health and safety risks. Hand-tracking technology registers the user's movement to allow touchless screen navigations.

Insight - Amidst the ongoing pandemic, consumers are wary of high-touch zones due to the health risks they pose. While in-person restrictions are lifting in public spaces, consumers are looking for new ways to interact with retail and entertainment products that mimic the safety of a virtual setting. By digitizing brick-and-mortar spaces with touchless technology, consumers are more likely to feel safe throughout their shopping experiences.

Wearable Technology Gesture Controllers
The 'VANZY' Wearable Mouse Works with Any Device

Contactless B2B Kiosks
imageHOLDERS Launched a Gesture-Controlled Touchless Kiosk
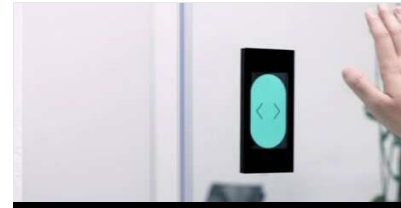
Touch-Free Gesture-Controlled Doors
The Kinetic Touchless 2.0 System is Intuitive to Use

Gesture-Based QSR Menus
PepsiCo Debuted New Touchless Menu Gesture Technology

6.0 Score

Popularity
Activity
Freshness

euro-emotur LAB8 | Haaga-Helia | TRENDHUNTER CREATE THE FUTURE

Spotify's New Patent Aims to Understand a User's Emotions

Spotify's new patent will allow the music streaming giant to curate music based on the listener's emotional state. Spotify filed for this patent three years ago, but the news of its approval has just been announced. According to the filing, this will allow for the service to listen for "intonation, stress, rhythm and the likes of units of speech," essentially figuring out ""emotional state, gender, age or accent". With this information, the service can offer a more personalized approach to curation.

This move speaks to the increasing power of technology, and its premeditative ability that's replacing a reactionary one. While the patent was approved, it is still unclear how, when, or if Spotify plans to implement these changes.

3.6 Score

Popularity

Activity

Freshness
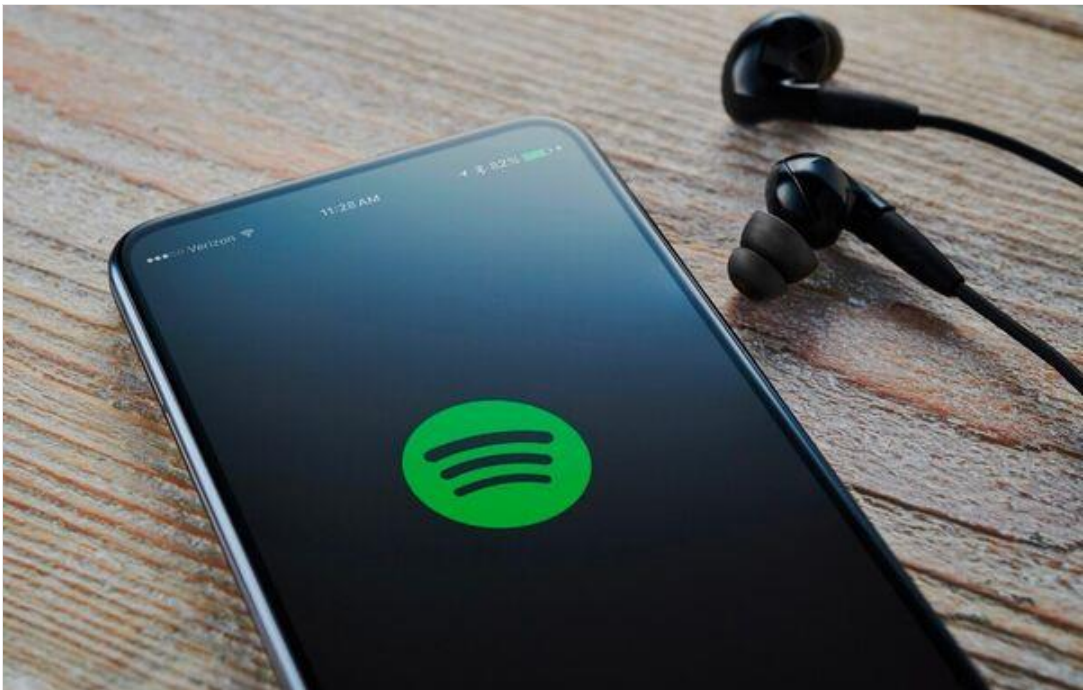
9 Related

4,409 Total Clicks

URL: Hunt.to/445861

Seamless Biometric Payment Tools

Mastercard is Testing a New Face Scanning Payment Solution

Mastercard has announced that it is currently testing a biometric tech innovation designed to let consumers make payments using just their faces or hands at checkouts.

The new tool leverages facial recognition and fingerprint scanning technology to enable customers to authenticate their payments without the need for a card or phone. So far, the new tool is being implemented in five St Marche grocery stores in Brazil. If successful, Mastercard has stated that it will roll out the new technology in more countries over the course of the next year.

"All the research that we've done has told us that consumers love biometrics... they want making a payment at a store to be as convenient as opening their phone," explains Ajay Bhalla, Mastercard's president of cyber and intelligence.

6.3 Score

Popularity

Activity

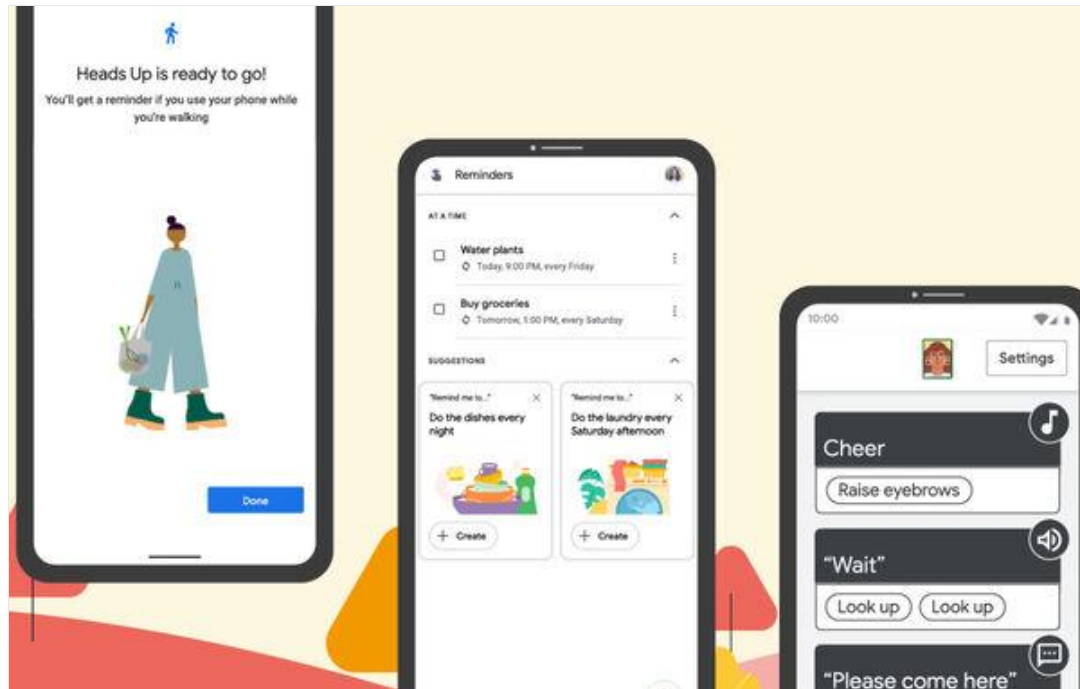Freshness

9 Related

4,267 Total Clicks

URL: Hunt.to/478774

58

Smartphone Facial Gesture Features

Android Rolls Out Accessibility Tools for the Motor Impaired

Google has annouced a slew of new features coming to Android this fall, some of which include innovative accessibility features geared towards people with motor impairments as well as those with low vision or blindness.

As part of the update, Android will introduce two new facial gestural controls. 'Camera Switches' will allow users to activate various commands via facial gestures, which can include anything from raising their eyebrows to squinting, to opening their mouths. The second installment is called 'Project Activate,' a separate communication-focused app in which users can make specific facial expressions to trigger actions like texting or playing audio.

In addition, Google has said that a new handwriting recognition tool is on the way. The new tool will be accessible via Documents mode and will be capable of reading Latin-based languages.

3.8 Score

Popularity

Activity

Freshness

9 Related

3,971 Total Clicks

URL: Hunt.to/461250

Reactive Nursery

Baby toys and monitors react to babies' needs in the moment

Trend - Nurseries are being deocrated with toys and baby monitors that are able to detect and respond to babies' behaviors in the moment. Examples in this space include toys that sense when babies cry and play soothing sounds in response.

Insight - Parents and caregivers to newborns tend to have a lot on their plate, particularly as households where all adults work are more common. To relieve some parental duties, some are turning to technology that helps to teach, soothe, and/or generally monitor their children in order to make raising infants slightly easier.

Smart Baby Care Systems
Lumi by Pampers is an IoT-Based Baby Care Platform

Infant Mood-Tracking Devices
FirstAscent's 'Ainenne' Tracks Crying Patterns to Determine Emotions

Kid-Friendly Sleep Devices
The Five-in-One Baby Dream Machine Uses Aromatherapy and More

Schedule-Predicting Baby Monitors
The Owlet Cam 2 Has Predictive Sleep Technology

7.1 Score

Popularity
Activity
Freshness

Style-Conscious Health-Tracking Rings

The Oura Ring Gen3 Horizon Has Research-Grade Sensors

The Oura Ring Gen3 Horizon is the latest wearable technology solution from the brand that targets data-hunger consumers with a penchant for style.

The wearable showcases a true jewelry-inspired design that is sculpted and stylish, and boasts a PVD-coated finish to give it just the right amount of mirrored finish. The device promises up to seven-days of battery life and boasts research-grade sensors to accurately track blood oxygen, sleep, temperature, activity levels, heart rate and more. The wearable also boasts Activity Goals and Calorie Opt-out with data syncing to Apple Health and Google Fit.

The Oura Ring Gen3 Horizon is priced at $349, comes in six sizes along with five color options. Users can also choose the Heritage model with a bezeled design.

9.2 Score

Popularity

Activity

Freshness

9 Related

13,293 Total Clicks

URL: Hunt.to/489680

61

Health-Sensing Earbuds

The Anker Soundcore Liberty 4 Earbuds Monitor the Heartbeat

The Anker Soundcore Liberty 4 earbuds take a page from health-tracking wearables by being able to track the wearer's blood oxygen by reading their heartbeat. The heart-measuring sensors sits in the right side of the earbuds and it emits a red light. Perfect for those who want to measure their heart rate during a workout, these earbuds are also useful for those who want continuous heart rate tracking throughout the day. With the latter purpose in mind, these earbuds are outfitted with CloudComfort tips and an extra layer to comfortably mold to the canal of the ear.

These health-sensing Liberty 4 earbuds from Anker's Soundcore division can be used alongside a dedicated app for the purposes of customizing workout routines, accessing data and adjusting personalized sound preferences.

8.1 Score

Popularity

Activity

Freshness

9 Related

5,123 Total Clicks

URL: Hunt.to/489833
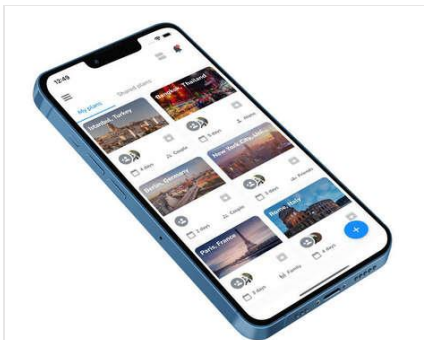
Co-funded by the COSME programme of the European Union

62

Smart Mental Health Rings

Happy Health Pioneers the Mental Health-Focused 'Happy Ring' Concept

Happy Health has announced it has designed the 'Happy Ring,' a smart ring that alerts users about their mental health by way of biometric sensors and artificial intelligence (AI). The 'Happy Ring' activates electrodermal activity sensors that monitor stress levels in real-time, allowing the device to accurately tell you about your changing mood.

"We tell you about your mood on an ongoing basis so you understand when you're calm, alert, or tense," says Happy Health and Tinder founder Sean Rad. "And we take all that data and personalize exercises for you that are scientifically proven to help manage your stress and improve your mood and overall wellbeing."

Happy Health's exercises include breath work, meditation, and cognitive behavioral therapy-based journaling. Exercises are completed through the Happy Health app and are tracked by the ring itself.

8.7 Score

Popularity

Activity

Freshness

8 Related

13,297 Total Clicks

URL: Hunt.to/486869

63

Wi-Fi-Enabled Senior Care Sensors

Aerial Supports Senior Independence with Its 'WiFi Sensing' Tech

Aerial Technologies specializes in 'WiFi Sensing' solutions that enable active Wifi networks to double as wide-reaching motion sensors.

More specifically, the brand offers this innovative technology to provide caregivers with effective and convenient remote senior care options. The technology utilizes Aerial's advanced patented AI modeling to harness WiFi-enabled motion detection, making it a highly accessible solution for senior care monitoring.

As the company puts it: "WiFi Sensing connects families, enables passive monitoring of loved ones, and establishes peace of mind, all without the baggage of a wearable sensor"

As a result, WiFi Sensing allows seniors to preserve their freedom, control, and privacy while offering their caregivers a reliable system for ensuring their safety that requires little to no effort to set up.

5.5 Score

Popularity

Activity

Freshness

9 Related

7,251 Total Clicks

URL: Hunt.to/484619

64

AI AND TOURISM

AI Travel

AI-based travel-planning apps take some of the work out of traveling

Trend - Smart-planning apps for travelers are becoming more popular, particularly as pandemic-prompted travel restrictions have lifted. Now, consumers are able to create customized itineraries with the help of AI-based apps that give users a better idea of local offerings and geographies.

Insight - The use of smart technology to streamline aspects of consumers' lives has resulted in people being able to organize their time more effectively, and in a way that's personalized to their exact interests. The convenience that predictive technology offers consumers is a major draw, resulting in everything from daily rituals to infrequent events like travel being made easier with the help of AI.

Smart Travel Planners
iplan.ai Uses Machine Learning to Produce Perfect Travel Itineraries

Multi-Modal Folding Stoves
This Outdoor Stove Offers Both Compact and Spacious Setup Options
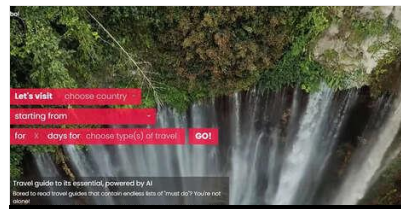
AI-Powered Travel Platforms
The 'Karambol' Travel Guide Works Like a Search Engine

AI Travel Assistants
Eddy Travels Provides a Helping Hand with Planning Trips

7.2 Score

Popularity

Activity

Freshness

Multi-Purpose AI Translation Devices

Vasco Electronics Recently Launched the Vasco Translator V4

AI translation technology—that is, artificial intelligence translation technology—has radically changed the industry landscape with gadgets that revolutionize how we communicate with one another, especially when we don't share a common language. Vasco Electronics, a big player in this high-tech industry, recently launched The Vasco Translator V4.

This universal AI translation device features 108 languages, with the aid of 10 AI-powered translation engines and free lifetime Internet. Users will enjoy highly efficient translation turn-over—less than 0.5 seconds as the brand claims. The gadget is also shock-resistant and splashproof.

AI translation devices such as The Vasco Translator V4 can be extremely helpful when traveling. They can translate a menu at a restaurant using a picture and even support one's bi-lingual conversations with people from around the world.

7.3 Score

Popularity

Activity

Freshness

9 Related

2,577 Total Clicks

URL: Hunt.to/486559

Co-funded by the COSME programme of the European Union

67

euro-emotur LAB8 | Haaga-Helia   TRENDHUNTER CREATE THE FUTURE

Cabify and Incode Technologies Introduce a New Verification Feature

Cabify has teamed up with Incode Technologies to pioneer next-generation verification developments and authentication features for the former's passenger identity validation system. The partnership will result in Incode's technology being implemented into Cabify so consumers can validate their identity through a selfie and speed up the check-in process. Through AI technology and machine learning processes, Cabify will be able to detect suspicious behavior in its users and prevent incidents that may endanger the driver of the vehicle.

By implementing these features, Cabify prioritizes user experience and safety and sets an example for travel platforms.

Ricardo Amper, CEO of Incode Technologies said: "Cabify has created a platform that is bringing together world-leading technologies to transform inner-city mobility, while optimizing both user experience and safety. This makes it a really exciting partnership for us, and we are looking forward to working with Cabify as they continue to improve the way in which we travel."

7.2 Score

Popularity

Activity

Freshness

8 Related

1,824 Total Clicks

URL: Hunt.to/492074

Co-funded by the COSME programme of the European Union

68

AI-Powered Robotic Baristas

Panera is Testing the AI-Powered 'CookRight Coffee' System In-Stores

Panera has announced a new partnership with Miso Robotics whereby the restaurant will test Miso's 'CookRight Coffee' artificial intelligence (AI)-powered robotic barista. The system will be touch-controlled and will learn how to guarantee consumers a fresh cup of coffee. CookRight Coffee achieves this by monitoring the volume and heat of the various coffee pots it has. On top of this, the system will track how long each coffee pot has been sitting out without being changed.

This system will ensure that the Panera staff know exactly when, and how often, new pots of each type of coffee need to be brewed. In addition to ensuring fresh coffee, the system will also streamline Panera's 'Unlimited Sip Cup' membership reward. MyPanera rewards members can pay $8.99 per month in order to receive infinite refills while in-store on coffee and tea. The robot will recognize this subscription perk and dispense infinite refills to members.

While Panera is beginning its AI-powered robotics tests with the coffee station, the restaurant believes the system has value in other parts of the restaurant as well, which the brand will look into in the future.

8.0 Score

Popularity

Activity

Freshness

9 Related

2,796 Total Clicks

URL: Hunt.to/475910

69

Digital Companions

Digital platforms keep travelers informed during COVID-19

Trend - Airlines and airports are launching digital platforms containing information for travelers. The aim is for these platforms to house the most current information regarding COVID-19, such as rules, requirements, testing options and a space to record test results and vaccination records.

Insight - With changing travel patterns since the rise of COVID-19, it's more important than ever for consumers to be kept abreast of important rules and information while on the go. As rules surrounding social distancing, testing and quarantine are continuously evolving, travelers can find it tough to keep up with pertinent information as it arises. Quick access to this information will continue to be relevant, as the rules surrounding travel are likely here to stay.

Digital Health Passports
CommonPass Securely Stores Health Information for Travelers

Digital Health Pass Apps
The Navica App Helps to Navigate Safe Access to Spaces During COVID-19

Safety-Focused Travel Tools
The ICC AOKpass Proposes Solution for Safe Travel During COVID-19

Travel Information Content Sharing
Sage Plus for Experts Provides a Platform for Information

5.5 Score

Popularity

Activity

Freshness

70

AI Delivery

Artificial intelligence is used to make delivery processes more efficient

Trend - AI-enhanced delivery systems are on the rise as businesses look for tech to make operations cheaper and more efficient. Robotic delivery systems and AI-operated fulfillment centers all work to prioritize cost and time-based efficiency.

Insight - For businesses, the adoption of AI speaks to the growing usefulness of smart technology in helping to streamline operations. Whether for small or large-scale operations, artificial intelligence is taking some of the work out supply chain management.
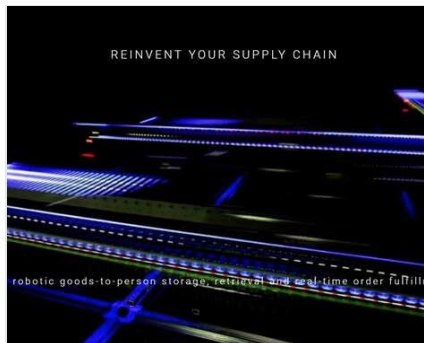
Scalable Supply Chain Technologies
Attabotics Offers AI-Driven 3D Robotic Supply Chain Solutions

IoT-Based Delivery Platforms
FedEx and Microsoft's New Tool Can Help Retailers Optimize Deliveries
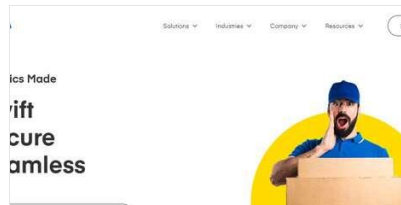
Hyperlocal Logistics Platforms
The GoKea Logistics Platform Uses Technology to Optimize Delivery

Robot-Powered Delivery Centers
Kroger is Rolling Out an Ocado-Powered Customer Fulfilment Centre

6.3 Score

Popularity

Activity

Freshness

4 Featured, 39 Examples

49,883 Total Clicks

URL: Hunt.to/454245

71

AI-Powered Disinfectant Devices

UVCeed Shared a Solution for the "Tripledemic" at CES 2023

At CES 2023, UVCeed demonstrated its flagship product, the world's smartest mobile UV light sanitizer and the first personal AI-powered mobile UVC disinfectant platform for work, home, school or travel.

The device helps to protect people from exposure to germs, bacteria and viruses with augmented reality and a first-of-its-kind artificial intelligence UVC disinfectant system with a camera/app-based protection feature. Engineered with safety and ease of use in mind, the device attaches to smartphones to give people the power to protect themselves in real-time on the go.

Dr. Peter Bonutti, co-founder & CEO, UVCeed, said: "We are in the midst of a 'tripledemic' with COVID-19, flu and RSV, resulting in the need for increased vigilance to prevent unwanted contact with germs."
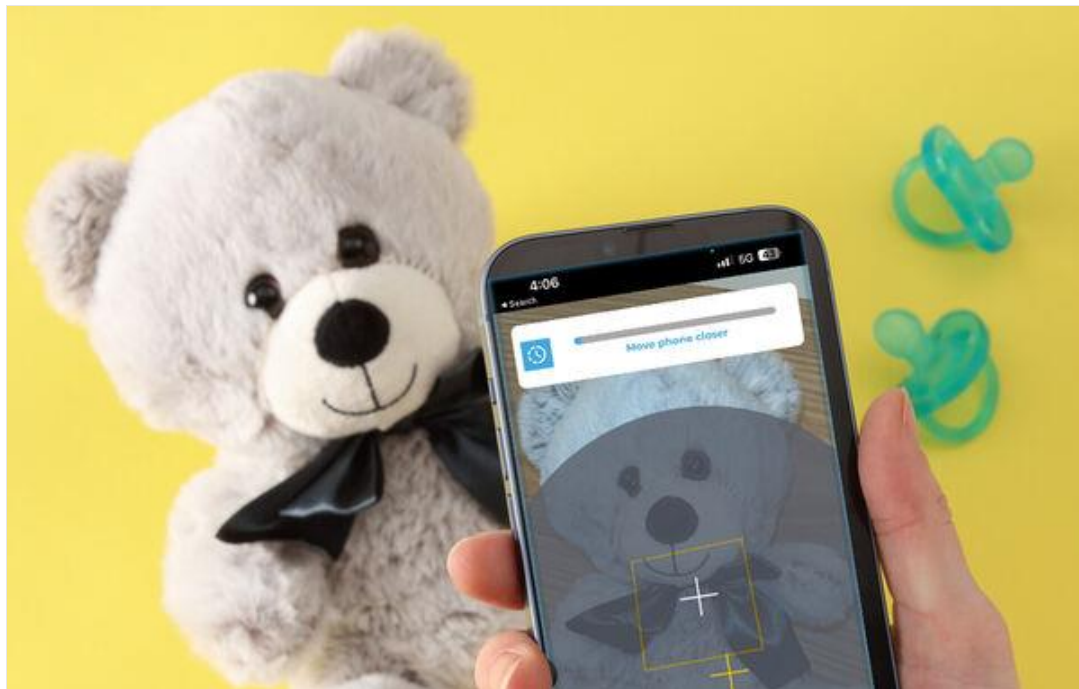
7.0 Score

Popularity

Activity

Freshness

9 Related

7,564 Total Clicks

URL: Hunt.to/495795

72

AR /VR/XR

AR Language Translation Eyewear

The Google AR Glasses Offer Language Translations in Real-Time

The Google AR Glasses have been conceptually designed by the company as an ultra-modern wearable for professionals and International travelers alike to keep them communicating with total ease anywhere they go.

The glasses maintain a simple construction that looks like an ordinary eyewear style, but reveals advanced technology inside when conversing with someone in another language. Wearers would be able to see translations in real-time thanks to augmented reality (AR), which would enable them to always understand those around them. The scenario only gets better if both people in the conversation are wearing the glasses to help them communicate in their own language, but allow the other to also understand.

The Google AR Glasses are a concept for now, but could come to the market in the near-future.

5.5 Score

Popularity

Activity

Freshness
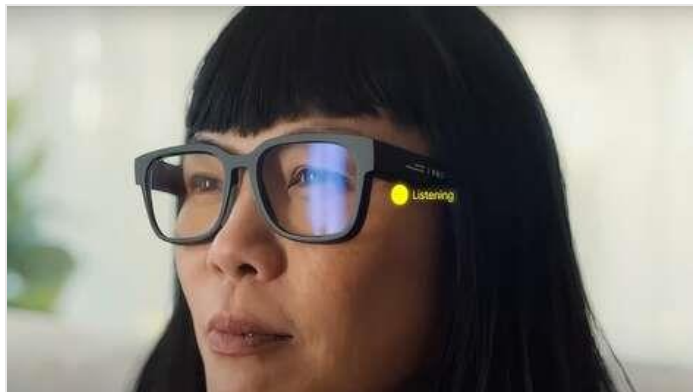
9 Related

2,540 Total Clicks

URL: Hunt.to/478381

74

Augmented Reality Monuments

LACMA and Snapchat Brought Five Monuments to Life Virtually

The Los Angeles County Museum of Art (LACMA) and Snapchat teamed up to create five monuments in augmented reality on the Snapchat camera. The LACMA × Snapchat: Monumental Perspectives experience offers a look at the history of Los Angeles and it helps to explore the history of Los Angeles Indigenous communities.

Each AR monument from the collaboration offers a different look into history, including the different generations that passed the 1932 LA Olympic marathon route, street vendors in the city and a tribute to Biddy Mason. Snapchat users can discover the virtual monuments for themselves by hunting down different markers on the Snapchat map. Those who are outside of Los Angeles can also find the experience online via LACMA.
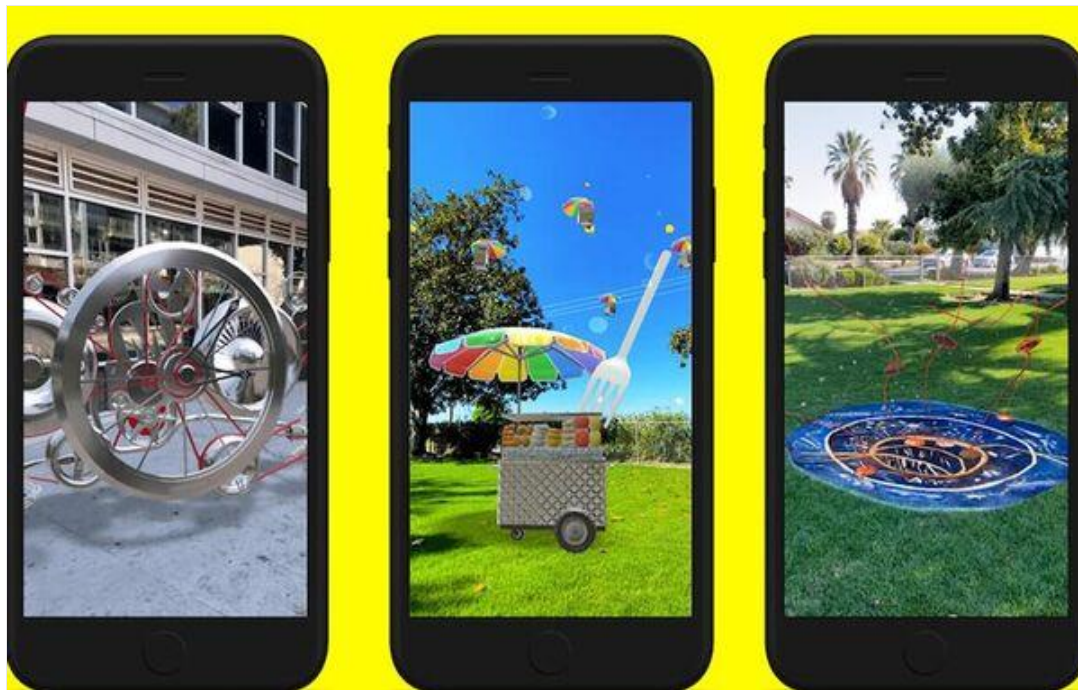
5.6 Score

Popularity

Activity

Freshness

9 Related

13,819 Total Clicks

URL: Hunt.to/450439

75

Web3 Tourism

The travel industry is beginning to integrate aspects of a decentralized Internet

Trend - At face value, technologies like the Metaverse or NFTs seem antithetical to the travel industry in that they challenge the value of physical over digital. However recent developments in the tourism industry show Web3 technologies adding delight and convenience to various parts of the journey, from booking to an in-person experience.

Insight - Web3 is defined as the next iteration of the Internet; it focuses on decentralization via the Metaverse, NFTs, and token-based economics. This shift in technology is slowly impacting various consumer-facing industries, though for now, in small, experimental ways. The tourism industry is one ripe for disruption considering how much necessary change it's sustained due to the pandemic. Specifically, this industry is more open to technological and non-physical shifts than ever before as it adapted to these needs during recent COVID-related lockdowns.

Branded NFT Treasure Hunts
Volkswagen South Africa Promotes Safety Features through Game On

Seaside Pony Metaverses
'Visit Maretime Bay' Immerses Roblox Users in the World of My Little Pony
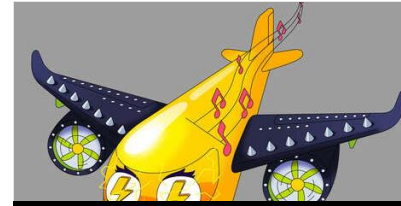
Frequent Flyer NFT Programs
airBaltic Debuts an NFT-Based Loyalty Program Featuring 10K 'Planies'

Gamified Hotel Campaigns
Moxy Universe, Play Beyond is an Augmented Reality Experience

7.8 Score

Popularity

Activity

Freshness

Senior Metaverse

Companies are leveraging virtual reality to enhance elderly peoples' daily lives

Trend - Due to mobility issues and/or other age-related disabilities, senior citizens find it more difficult to connect, travel, exercise, and enjoy outdoor activities. Brands are leveraging the accessibility of the metaverse to create tailored experiences that address these problem areas. Services emphasize social interaction and immersion in the metaverse.

Insight - The pandemic caused levels of perceived isolation to worsen, leading to elderly people feeling even more disconnected from their friends and communities. These individuals found it harder to remain active and access daily services. The rapidly-advancing metaverse arose as a space for innovation in these areas, leading to brands creating curated experiences for elderly people that help with socialization, exercises, mental stimulation, and services such as banking or healthcare.
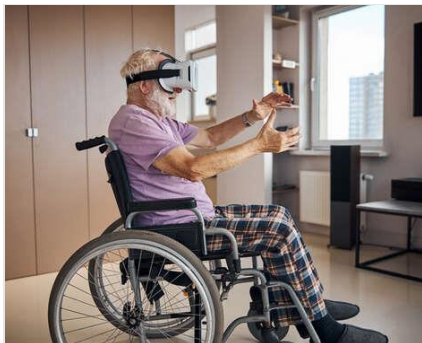
Metaverse Stimulation Experiences
GMetriXR is an All-in-One Metaverse Platform for Elderly People

Senior-Targeted Metaverse Services
MyndVR Partnered with Oroi to Create Tailored VR Experiences

Metaverse Treatment Centers
XRHealth Partnered with HTC for Virtual Healthcare Offices

Inclusive Social VR Programs
Meta Invested in a Social VR Research Team Alongside Universities

European Metaverse Initiatives
The European Commission Launched a Dedicated VR/AR Department

8.2 Score

Popularity

Activity

Freshness

Digital Museum Platforms

euro-emotur LAB8 | Haaga-Helia   TRENDHUNTER CREATE THE FUTURE

The Louvre Museum Launches Stand Alone Digital App, Louvre+

The Louvre, the world's most visited museum, has announced the launch of a dedicated digital platform called Louvre+. The new platform represents a move by the Parisian museum to boost its virtual presence and engage international audiences -- an initiative that was motivated by the pandemic, which significantly impacted the historic landmark's attendance numbers.

Developed in partnership with Art Explora, Louvre+ will provide users with a portal to watch web series videos that provide deeper insights into the Louvre's history and exhibitions. In addition, users can embark on virtual museum tours to visit themed collections such as Islamic arts or Greek antiquities. Moreover, the museum plans to host live-stream broadcasts on the platform, allowing users to sit in on special events.

3.4 Score

Popularity

Activity

Freshness

9 Related

7,120 Total Clicks

URL: Hunt.to/467216

Metaverse-Ready Projectors

The Updated Samsung Freestyle Projector Debuted at CES 2023

Samsung Freestyle was introduced at CES 2022 and at this year's technology showcase, the company introduced a new and improved version of the compact and portable projector. The new Freestyle projector Samsung debuted at CES 2023 shares new capabilities, including the ability for consumers to pair two Freestyles in order to create an ultra-wide display.

This next-gen Consumer Electronics Show projector is also more geared towards supporting real-world metaverse applications. Additionally, Samsung added its new Gaming Hub to Freestyle's Tizen OS software. With a max resolution of 1080p, the projector has the potential to support immersive gaming sessions and virtual explorations as consumers socialize, play, learn and shop in new ways in the metaverse.

9.1 Score

Popularity

Activity

Freshness

8 Related

7,290 Total Clicks

URL: Hunt.to/495869

Quarantine-Friendly Virtual Trips

Thrillist Creates a List of 360-Degree Videos for 'Tourists'

Given the current health climate and the global progression of the COVID-19 pandemic, social distancing and staying at home become the new norm—many strive to keep certain thrills in their life and with technology, things like digital events, streamlined communication, and even virtual trips become possible.

To make it easier for consumers to decide where to go next, Thrillist has created a list of virtual trips that will help one still 'travel' amid the pandemic. The list includes a 360-degree virtual reality film provided by the Japan National Tourism Organization, featuring must-see wonders like the famous Shibuya Crossing and cherry blossom during Sakura season. One can also enjoy a virtual hike up the Great Wall of China, as well as multiple virtual trips with the Chile 360 app that covers popular destinations like the Atacama Desert and Easter Island.

6.4 Score

Popularity

Activity

Freshness
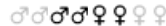
9 Related

17,447 Total Clicks

URL: Hunt.to/425841

80

App-Based Guide

App-based travel and activity guides prevail as pandemic restrictions lift

Trend - As we enter a post-pandemic world and travel restrictions lift, app-based travel and activity guides are becoming the norm. These digital guide activations help travelers explore the world while limiting their contact with tour groups to remain mindful of the ongoing global health concerns.

Insight - Consumers are eager to travel now that the global vaccination rate against COVID-19 has increased, and restrictions lifted. However, travelers are maintaining some pandemic-induced habits, such as finding convenient and online alternatives to certain activities. The travel and hospitality industry is leveraging app technology to accommodate new consumer habits and continue offering guided services.

Multi-Modal Travel Apps
Arriva Has Released a Smart Mobility App for Public Transport In Europe

Gamified Tourism Apps
This App Aims to Boost Local Tourism in Canada's South Dundas Region

Real-Time App-Based City Guides
The Welcome App Provides Personalized Tourist Recommendations
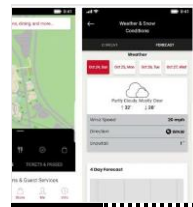
Paper-Saving Ski Resort Apps
This Ski Resort's Digital Services Will Save Masses Of Paper Use

Snowmobile-Guiding Apps
This Trail Map App Covers Routes and Locations Throughout Maine

4.4 Score

Popularity

Activity

Freshness

V-Health Passport is Looking to Streamline Air Travel During COVID-19

As more individuals get vaccinated, companies are identifying a new way to allow consumers to feel safe—hence, the launch of digital health passports. The concept allows those who have been vaccinated to carry the medical documents to prove it seamlessly on their person at all times. The digital health passport would be especially handy for those who are planning to travel, enabling a level of convenience and comfort.

In the United Kingdom, one such product has been launched by British cyber technology company VST Enterprises (VSTE). The cross-border platform is titled the V-Health Passport. The service validates the passenger's identity and authenticates their COVID-19 test result and vaccination details. The digital health passport utilized 'VCode' scanning technology instead of the more common bar codes and QR code technologies which are thought to be less secure.

7.0 Score

Popularity

Activity

Freshness

9 Related

3,784 Total Clicks

URL: Hunt.to/446061

Co-funded by the COSME programme of the European Union

82

ROBOTICS AND AUTOMATION

Cleaning Robots

Robots are increasingly being used to clean and disinfect various spaces

Trend - As cleaning and health standards across the globe increase in the wake of the global pandemic, autonomous cleaning robots are being leveraged to clean and disinfect various spaces including hospitals, airports, and homes.

Insight - Brands continue to look into new measures to enhance cleaning and disinfection efforts in the wake of the COVID-19 pandemic. The increased emphasis consumers have put on hygiene in the last several months will likely continue even in a post-pandemic world, and brands and institutions are adapting to this shift.

Next-Gen Cleaning Robots

Cost-Effective Disinfecting Robots

Sonar Technology Pool Cleaners

Airport-Specific Disinfection Booths
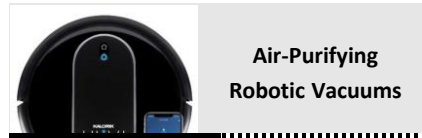
Air-Purifying Robotic Vacuums

All-in-One Self-Cleaning Robots

Hospital-Specific Disinfecting Robots
Cleaning Robots are Being Tested for Use Within Hospitals

6.6 Score

Popularity

Activity

Freshness

7 Featured, 66 Examples

103,990 Total Clicks

URL: Hunt.to/448441

84

Bubble Tea Robots

ADAM by Richtech Robotics is a two-armed robot that uses grip handles to make specific drinks and at CES 2023, the robot showed off its skills in making bubble tea. Using a digital touchscreen, guests at the Consumer Electronics Show in Las Vegas got to input their order and see it prepared by the dexterous robot.

With a fruity or milky base, and chewy additions, there are all sorts of bubble tea beverages that can be enjoyed, and made with ease thanks to ADAM.

As described by Timothy Tanksley of Richtech Robotics, "ADAM is intended to be basically a way to attract guests and a way to make drinks fully automated and very efficient." ADAM can be rented for events or hired full-time, and in between making drinks, ADAM can dance to keep people entertained.
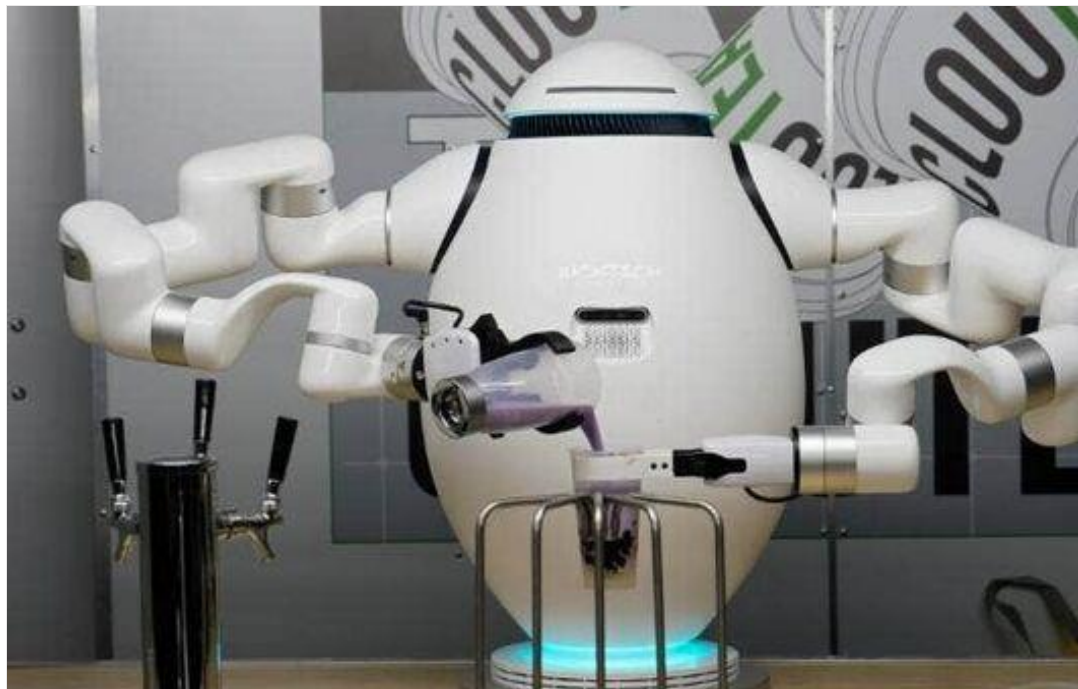
8.7 Score

Popularity

Activity

Freshness

9 Related

10,976 Total Clicks

URL: Hunt.to/496113

Co-funded by the COSME programme of the European Union

85

Automated Ocean-Cleaning Robots

IADYS's Jellyfishbot Collects Waste from the Surface of the Water

'Interactive Autonomous DYnamic Systems' (IADYS) has created an ocean-cleaning robot named the 'Jellyfishbot.' IADYS calls the Jellyfishbot a "Roomba for the water" because the device cleans the surface of any body of water entirely on its own. While users can choose to manually control the Jellyfishbot remotely, this is not a requirement.

The Jellyfishbot has several propellers that allow it to travel forward, backward, and turn to the side. This means the robot can maneuver dynamically without getting stuck in a corner of a body of water. To set up the automatic cleaning feature, users must equip the Jellyfishbot with a net and set the desired cleaning area. The net holds the collected trash until it is manually emptied. The robot's battery lasts up to eight hours when operating automatically, and its net can hold up to 20 gallons of waste. This means the Jellyfishbot can conveniently operate overnight while oceans are less populated, ensuring that the surface of the water remains clean for the next day.
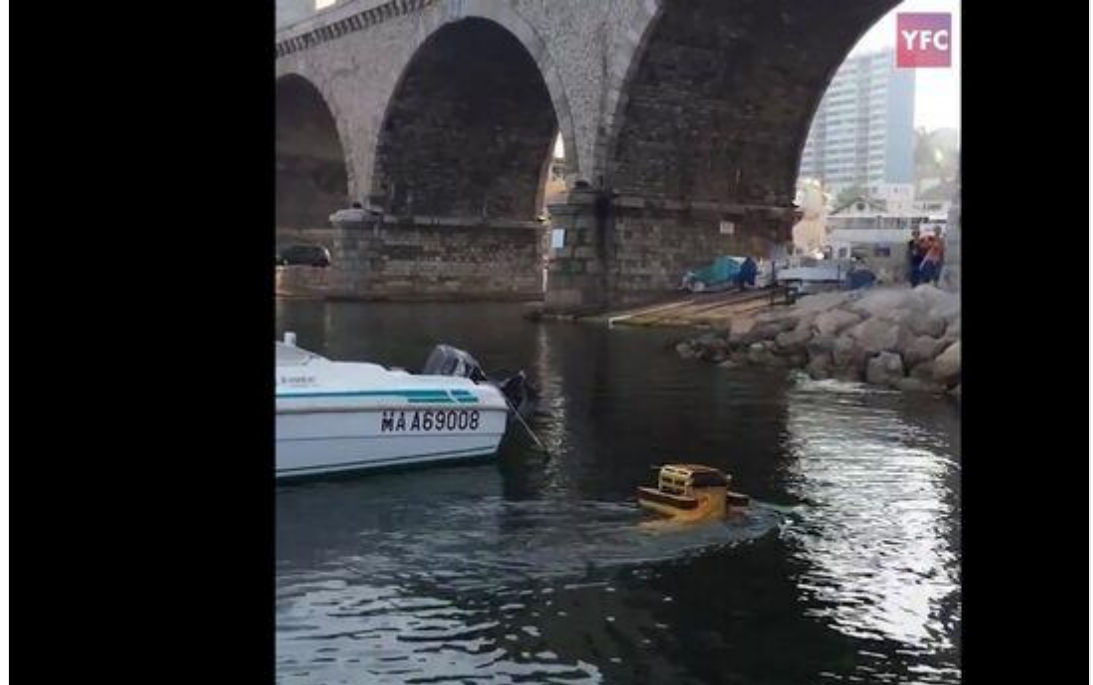
5.9 Score

Popularity

Activity

Freshness

8 Related

5,098 Total Clicks

URL: Hunt.to/473552

86

AI-Powered Retail Assistance Robots

The LG CLOi GuideBot Offers General Information and More

The LG CLOi GuideBot is a robotic retail solution that would work to greatly enhance the capabilities of companies by offering consumers with a personalized experience that's automated and contact-free. The robot is designed with retail or business implementation in mind and would provide ample information to the person according to their needs on its built-in display. When not dealing directly with a customer, the robot could be set to provide location-based advertising and would roam to provide service as required or keep an eye on security.

The LG CLOi GuideBot maintains a friendly design that is paired with a set of cartoon eyes on the head to make it appear more approachable for consumers.


7.2 Score

Popularity

Activity

Freshness

8 Related

4,741 Total Clicks

URL: Hunt.to/468687

Co-funded by the COSME programme of the European Union

87

Autonomous Disinfecting Robots

LG's Disinfecting Robot Can Disinfect a Room in 30 Minutes

LG's disinfecting robot is preparing for the current world, as well as a post-COVID world, presenting an autonomous robot that can create a germ-free room in a matter of minutes. Making its debut at CES 2021, this device is set to serve as a solution to high-trafficked areas, like schools, restaurants or hotels.

According to the brand, the autonomous robot has the ability to completely disinfect a room in just 30 minutes, providing inhabitants with peace of mind. According to LG's Business Solutions USA vice president Michael Kosla, "A higher level of disinfection is going to become the new customer expectation in the new contactless economy where we now all live, work, learn, and play".

8.3 Score

Popularity

Activity

Freshness

9 Related

8,326 Total Clicks

URL: Hunt.to/444348

88

Wine-Delivering Hotel Robots

Hotel Trio's Robot Named Rosé Offers a Touchless Wine Deliveries

Rosé is the name of a hotel robot at Hotel Trio in Healdsburg, California that specializes in making sure guests receive wine straight to their room with a touchless experience. The hotel is located in proximity to many Californian wineries and Rosé the robot butler makes it easy to enjoy a taste of the region delivered straight to one's suite. The bot also boasts the ability to deliver other essentials like snacks, extra towels and toiletries as needed. While autonomously traveling the halls, Rosé focuses on its mission by displaying a message to communicate: "I'm on a guest delivery."

A few years ago, innovations like hotel robots were mostly seen as convenient and novel but in 2020, they're proving to be a valuable way to reduce contact between staff and guests during a global pandemic.

6.7 Score

Popularity

Activity

Freshness
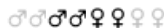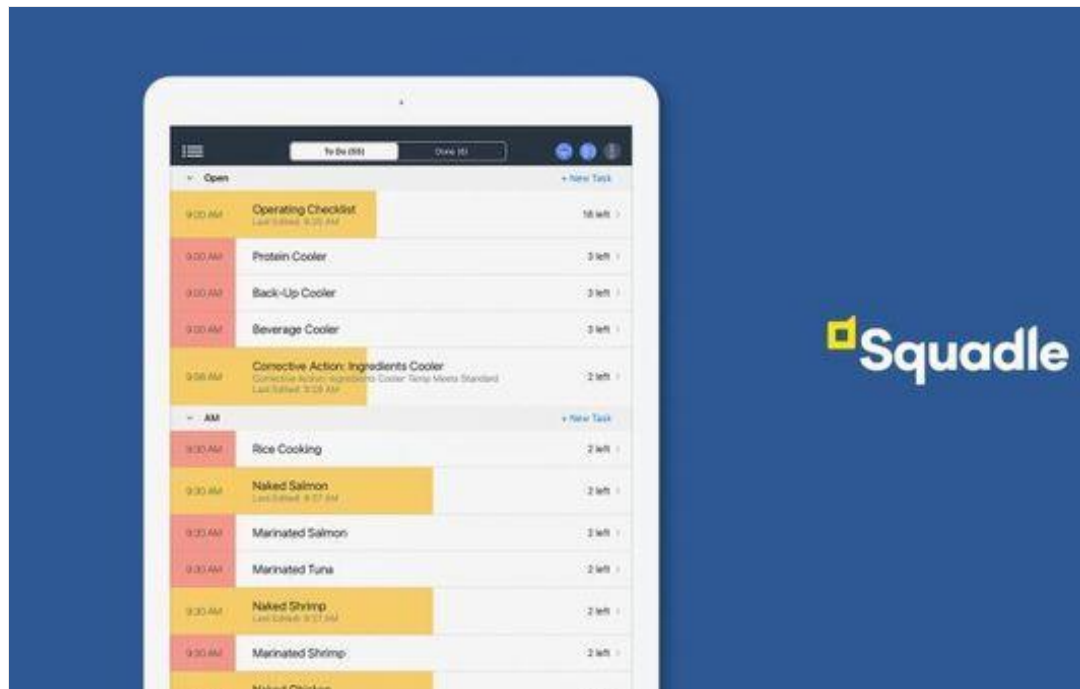
8 Related

11,028 Total Clicks

URL: Hunt.to/432229

89

Digital Shift Management Platforms

Squadle Now Features Automated Workflows and Digital Checklists

The Squadle digital shift management platform has been upgraded by the workflow automation company to help further streamline employee management for retail and restaurant administrators. The platform now features paper to digital checklist conversion along with automated workflows and summary reports. Real-time text and email alerts will ensure optimal communication and transparency.

The Squadle digital shift management platform can be used with as many user accounts as required, while the upgrades also see Squadle Workflows added to the Apple App Store. The interface highlights enhanced ease of use to ensure that administrators and staff alike can intuitively navigate without requiring extensive training. The tool speaks to the increasing digitization of the retail and restaurant sectors as administrators require more automation to perform optimized management.

7.8 Score

Popularity

Activity

Freshness

9 Related

4,382 Total Clicks

URL: Hunt.to/476664

Co-funded by the COSME programme of the European Union

90