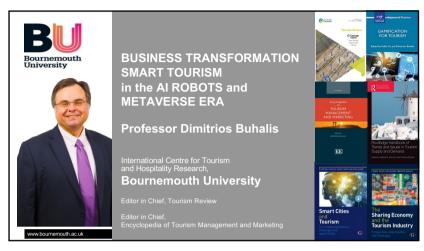
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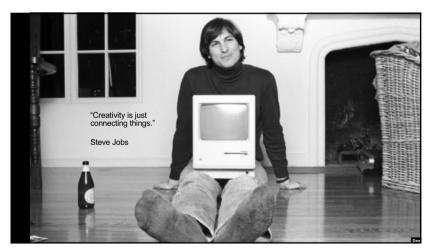
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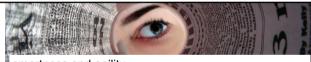
SMART NESS

Smartness takes advantage of interconnectivity and interoperability of integrated technologies to reengineer processes and data in order to produce innovative services, products and procedures towards maximising value for all stakeholders.

This reengineering enables shaping products, actions, processes and services in real-time, by engaging different stakeholders simultaneously to optimise the collective performance and competitiveness and generate agile solutions and value for all involved in the value system.

Smartness is the glue of interoperable, interconnected and mutually beneficial systems and stakeholders and provides the infostructure for the value creation for all.

Buhalis, D. (2020), "Technology in tourism-from information communication technologies to eTourism and smart tourism towards ambient intelligence tourism: a perspective article", Tourism Review 75(1), 267-272 https://doi.org/10.1108/TR-06-2019-0258



smartness and agility towards value co-creation and competitivess building at the destination level as a network

- · Networks: Interoperability and interconnectivity
- · Internet of Things and Internet of Everything
- Sensors and Beacons
- Big Data and Data Analytics
- Social Media, Web 2.0 and User Generated Content
- Technological enablers for tourism, travel and hospitality
- Customer and Service Dominant Logic
- · Value co-creation of experience
- The concepts of co-creation and co-opetition

Buhalis, D. (2020), "Technology in tourism-from information communication technologies to eTourism and smart tourism towards ambient intelligence tourism: a perspective article", Tourism receive 75(1), 267-272. https://doi.org/10.1108/TR-06-2019-0258

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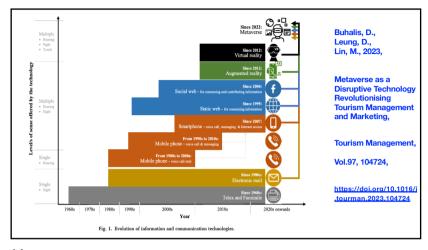
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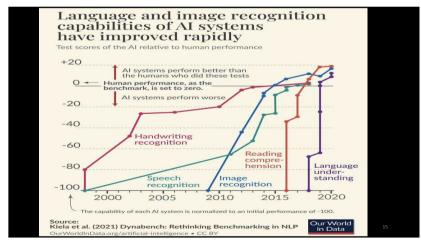
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Ambient Intelligence (Aml)

introduces smart systems to everyday environments propelling interconnectivity and interoperability of all systems, vehicles and devises through the Internet of Everything

technical developments, including: artificial intelligence (AI), Machine Learning (ML), ambient connectivity through wide area wifi and 5G. autonomous vehicles and robotics

Aml pushes markets and activities towards smart, interconnected environments and marketplaces.

Buhalis, 2020, Technology in tourism- From Information Communication Technologies to eTourism and Smart Tourism towards Ambient Intellig Tourism: A perspective article, , Tourism Review, Vol. 75(1) https://doi.org/10.1108/TR-06-2019-0258.

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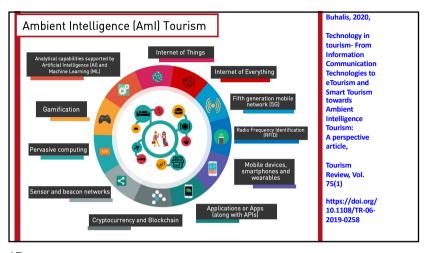
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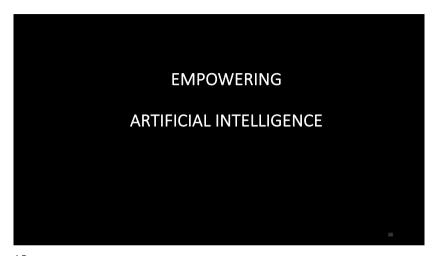
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Marketing strategies	Indicative solutions	Reflective tactics
Building marketing campaigns	ChatGPT might be able to provide suggestions to develop a successful campaign. Example: "Suggest me an effective marketing campaign on Instagram"	ChatGPT is a generative tool which requires precise queries, such as: "Suggest me an effective marketing campaign on Instagram for a bouquet start-up."
Content marketing	ChatGPT can assist in providing appropriate and accurate content for the given query related to a campaign, product, sales page, email, and blog post	However, the preciseness of the query should be more accurate to get creative results.
Content designing	ChatGPT can offer ideas for designing and other improvements	DALL.E2 can be used to design the product creatively as instructed in the query
Chatbot based services	GPT-3 is the next-generation language generative AI which can be used in chatbots for effective query handling	The chatbot should be able to integrate GPT-3 and DALL.E2 to generate appropriate Avatar in the conversations

challenges and implications of generative conversational AI for research, practice and policy, International Journal of Information Management, Vol. 71, 102642, https://doi.org/10.1016/j.ijinfomgt.2023.102642



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Table 3. ChatGPT use in the Tourism, Travel, Transport and Hospitality ecosystem		
DEMAND/Tourists	SUPPLY/Tourism organisations and destinations	
Information finding	Concierge services for consumers	
Building itineraries	Marketing content text/pictures generation	
Searching for specialised services	Menu engineering and recipe development	
Eliminating Choice	Fact Finding	
Dynamic Itineraries	Identification of resources	
Content Sharing	Social media and organisations own web pages	

sh K. Dwived, Nir Kishetri, Laurie Hughes, Emma Louise Siade, Arand Jeyaraj, Appan Kumar Kar, Abdullah M. Baabdullah, Alex Kochang, Vishnupnja Raghavan, Marju Ahuja a Albarna, Mousa Ahmad Albashrawi, Adil S. Al-Busaid, Jarantharan Balakrishnan, Yves Barlette, Sripana Basu, Indamil Bosa, Laurence Brooks, <mark>Dmintos Burales, Lemmin, S. Colwardsh Chowdhan, Tom Crisk, Gost W. Cumingham, Gaeth H. Davies, Robert M. Davicos, Rahu Did, Denberlay, Yanzing Duan, Remashwar Duber, Pohita Dwiwed S. Edwards, Carlos Rakkin, Robin Gauld, Varun Grover, Mei-Chih Hu, Marjin Jansson, Paul Jones, Iris Jungias, Sangeeta Niforans, Saccher Kosas, Kal R. Larsen, Paul Latrellia, Laurner, F. Tegewan Milik, Abbase Marcini, Marcello Mariani, Sumil Mirtas, Emmanual Mogal, Jesteta Hom Yord, Solothen O'Comor, Feszi Olums, Margherla Pagani, Nesre</mark>

'So what if ChatGPT wrote it?" Multidisciplinary perspectives on opportunities, challenges and implications of generative conversational AI for research, practice and policy, International Journal of Information Management, Vol. 71, 102642,



- Supply side: INDUSTRY
 - ChatGPT can assist Tourism, Travel, Transport and Hospitality organisations with customer phasing and back-office functions.
 - answer traveller enquiries by generating information and answers about destinations, and attractions.
 - Providing travel recommendations for events, and activities,
 - assist with booking and reservation inquiries
 - provide guests with information about availability and pricing assist with the booking and reservation process.
 - ChatGPT can personalise recommendations for guests based on
 - their interests, abilities, disabilities and preferences. create alternative itineraries, routes and transportation options
 - evaluate alternatives for travel planners, corporate travel
 - companies and agencies and tour operators
 - communicate with travellers in multiple languages
 - generate marketing content and detailed descriptions for attractions, hotel rooms, facilities, and services
 - develop destination content for use on websites and social
 - Menu engineering and recipe development improve service
 - enhance the travel experience, streamline operations and

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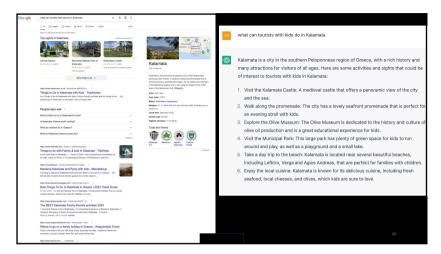
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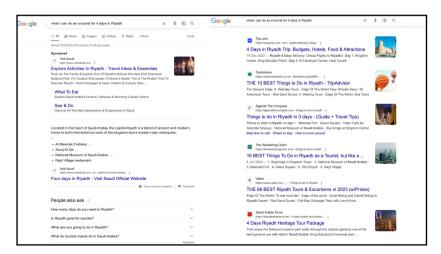
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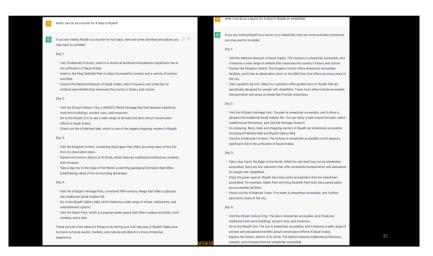


what is the way to travel from Bournemouth to Glasgow in March and what is the cost There are squarel wave to travel from Bournemouth to Glasgow Scotland in March- Audio-decoration forms Many measures and incrimants in Print effer audio-decorate branch for visibles with visual reparaments. The Lone, Moule of Prince, More Administration and Administration of Prince and Administration of Prince and Information Start Office and Administration of Prince and Administration of Prince and Administration of Decoration of Prince and Administration of Prince and Administration of Prince and Administration of Visibles and Prince and Administration of Prince and Prince and Administration of Prince and Administration of Prince and Administration of P time is approximately 1 hour. Prices for flights in March can range from £30 to £150 or more, depending on the airline, time of travel, and how far in advance you book. 2. Bu train: Another option is to travel by train. The journey time is around 4 hours and prices can range from £20 to £60 or more, depending on the time of day and how far 3. By bus: A third option is to travel by bus, which is generally the least expensive option The journey time is around 8 hours and prices can range from £10 to £30 or more, depending on the bus company and time of travel. How long does it take to drive from Bournemouth to Glasgow and how much does it cost Driving from Bournemouth, UK to Glasgow, Scotland takes approximately 8 to 9 hours, several factors such as fuel consumption, the cost of fuel, and any tolls or parking fees As a rough estimate, fuel costs for a typical car could range from £60 to £100 or more. depending on fuel efficiency and fuel prices. Additionally, there may be tolls along the way, which could add another £10 to £20 or more to the overall cost of the journey It's also important to factor in the cost of overnight accommodations, food, and any other

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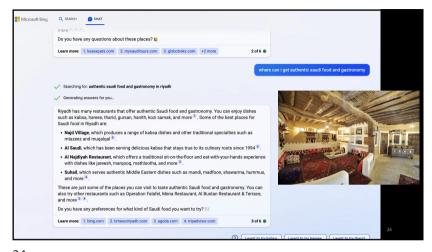


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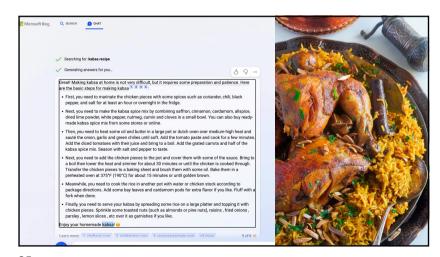
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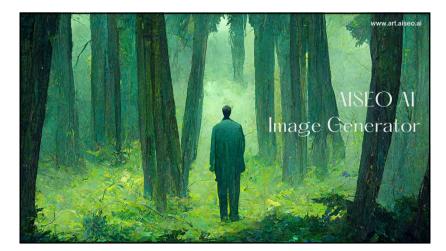
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