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BUSINESS SCHOOL



4<sup>TH</sup> SUMMIT of TRAVEL AGENCIES ASSOCIATIONS  
Valencia · 1-3 November 2017

# “The impact of the Digital Economy on Travel Intermediation and Tourist Promotion”





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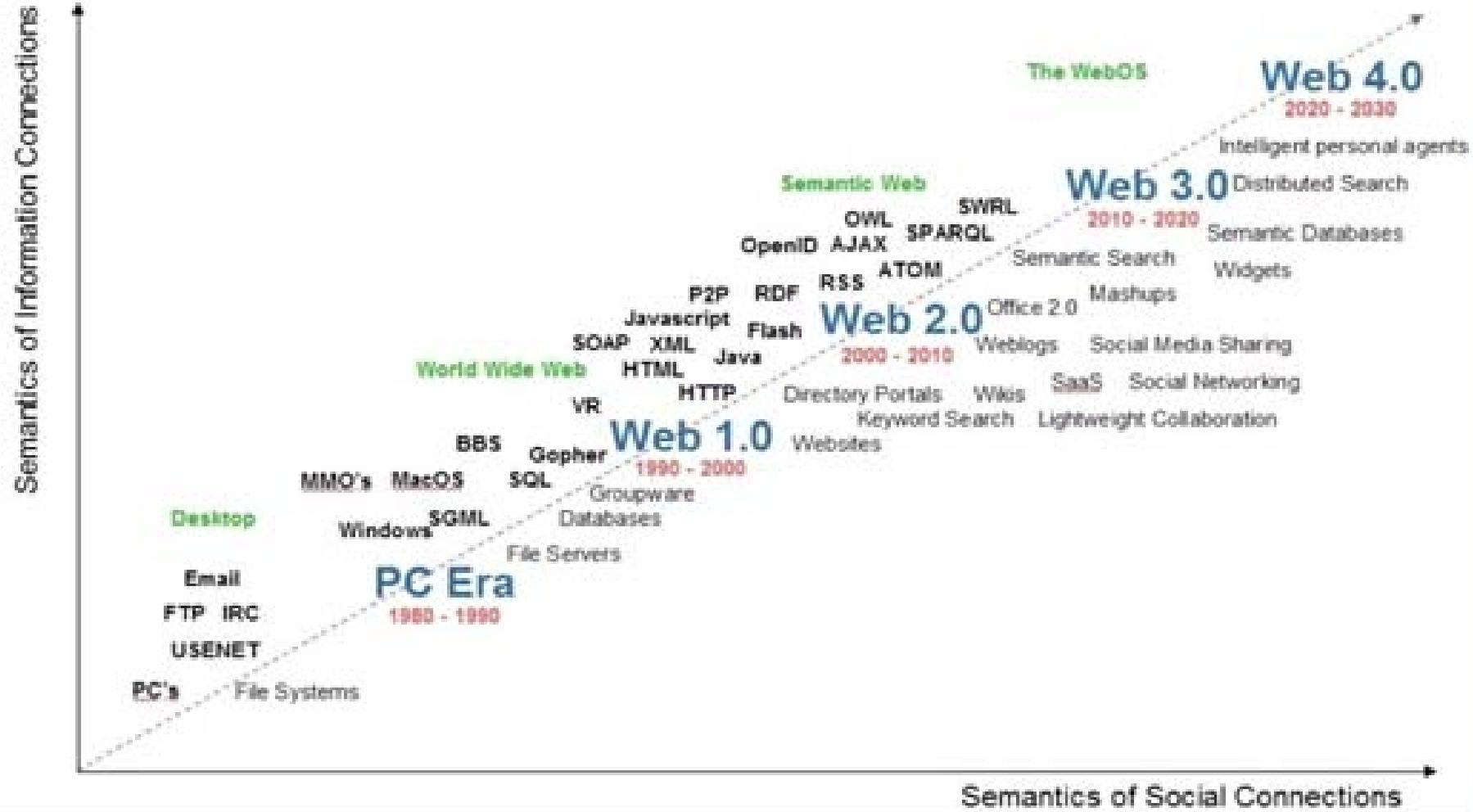
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A word cloud centered around the word "digital". The words are arranged in a cluster, with "digital" being the largest and most prominent. Other significant words include "social", "technology", "network", "user", "service", "home", "business", "energy", "people", "community", and "trust". The words are colored in various shades of blue, red, green, yellow, and purple, creating a vibrant and dynamic visual representation of the digital theme.



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Source: Radar Networks & Nova Spivack, 2007 – [www.radarnetworks.com](http://www.radarnetworks.com)





# 9 Elements of Digital Citizenship

<b>Digital Access</b>  full electronic participation in society	<b>Digital Commerce</b>  electronic buying and selling of goods	<b>Digital Communication</b>  electronic exchange of information	<b>Digital Literacy</b>  teaching and learning about technology and its use	<b>Digital Etiquette</b>  electronic standards of conduct or procedure
<b>Digital Law</b>  electronic responsibility for actions and deeds	<b>Digital Rights &amp; Responsibilities</b>  those freedoms extended to everyone in a digital world	<b>Digital Health &amp; Wellness</b>  physical & psychological well-being in a digital world	<b>Digital Security</b>  electronic precautions to guarantee safety	#bitesizePD 





- Hyper Connected, well informed, multichannel and very demanding.
- Before, during and after
- Go mobile! Smartphones offer a better experience (mobility, information, inspiration, book, buy)





# Customization Authenticity Connectivity

## 4<sup>th</sup> SUMMIT OF TRAVEL AGENCIES ASSOCIATIONS Volume 10 Number 2012

# The Internet in Real-Time

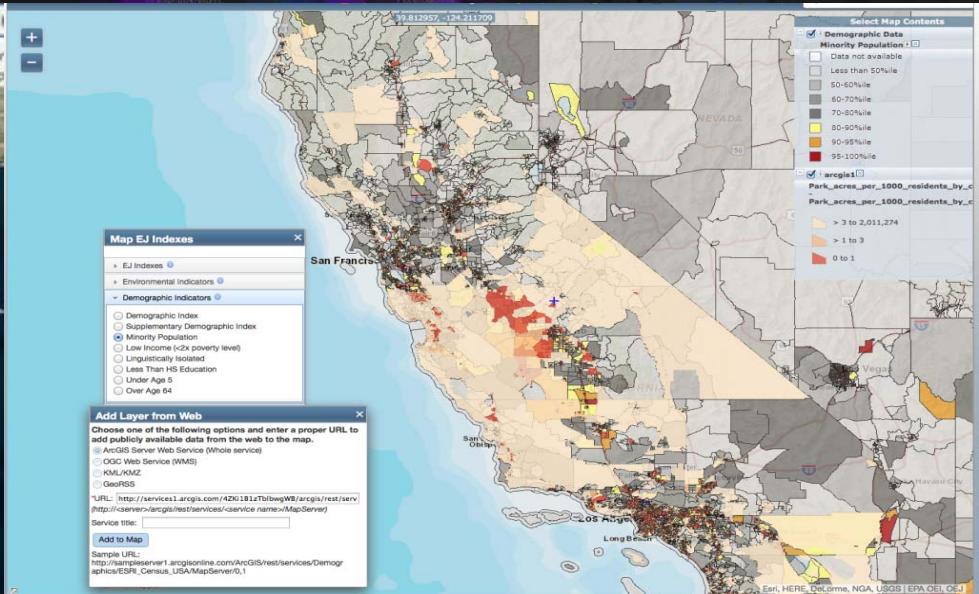
How Quickly Data is Generated

[Click here to watch as these internet giants accumulate wealth in real-time.](#)

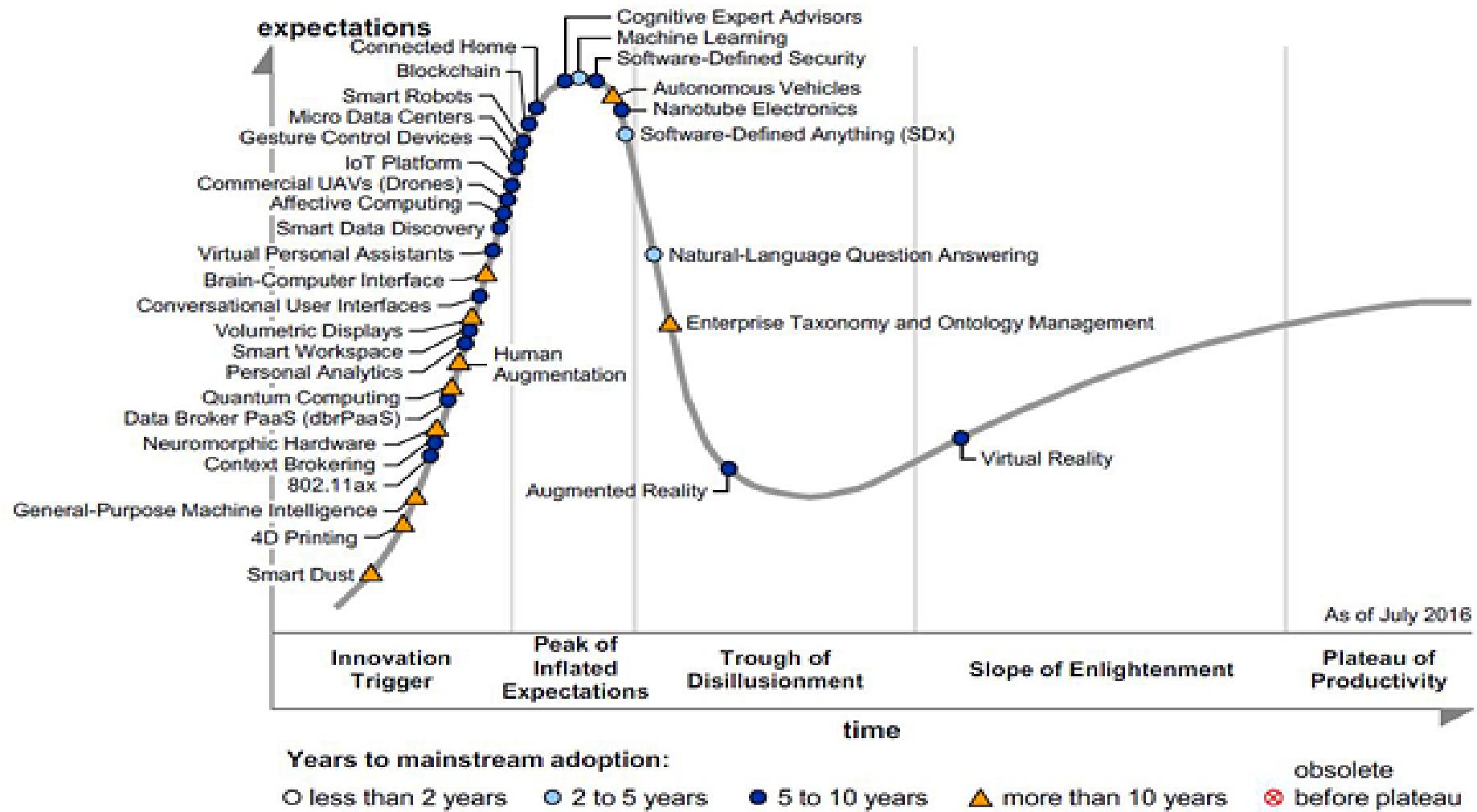
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By the way, in the 239 seconds you've been on this page, approximately 5395186 GB of data was transferred over the internet.

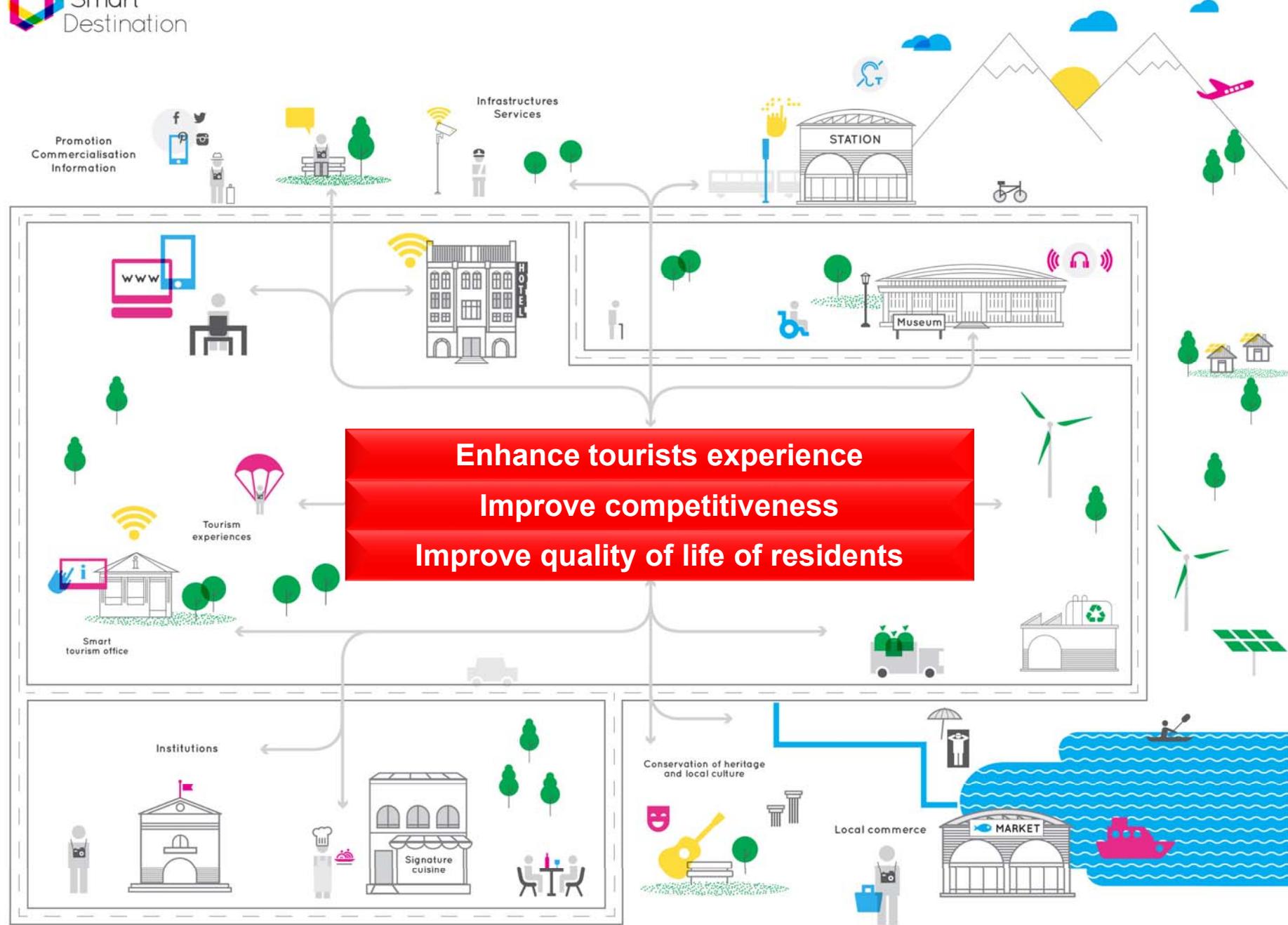


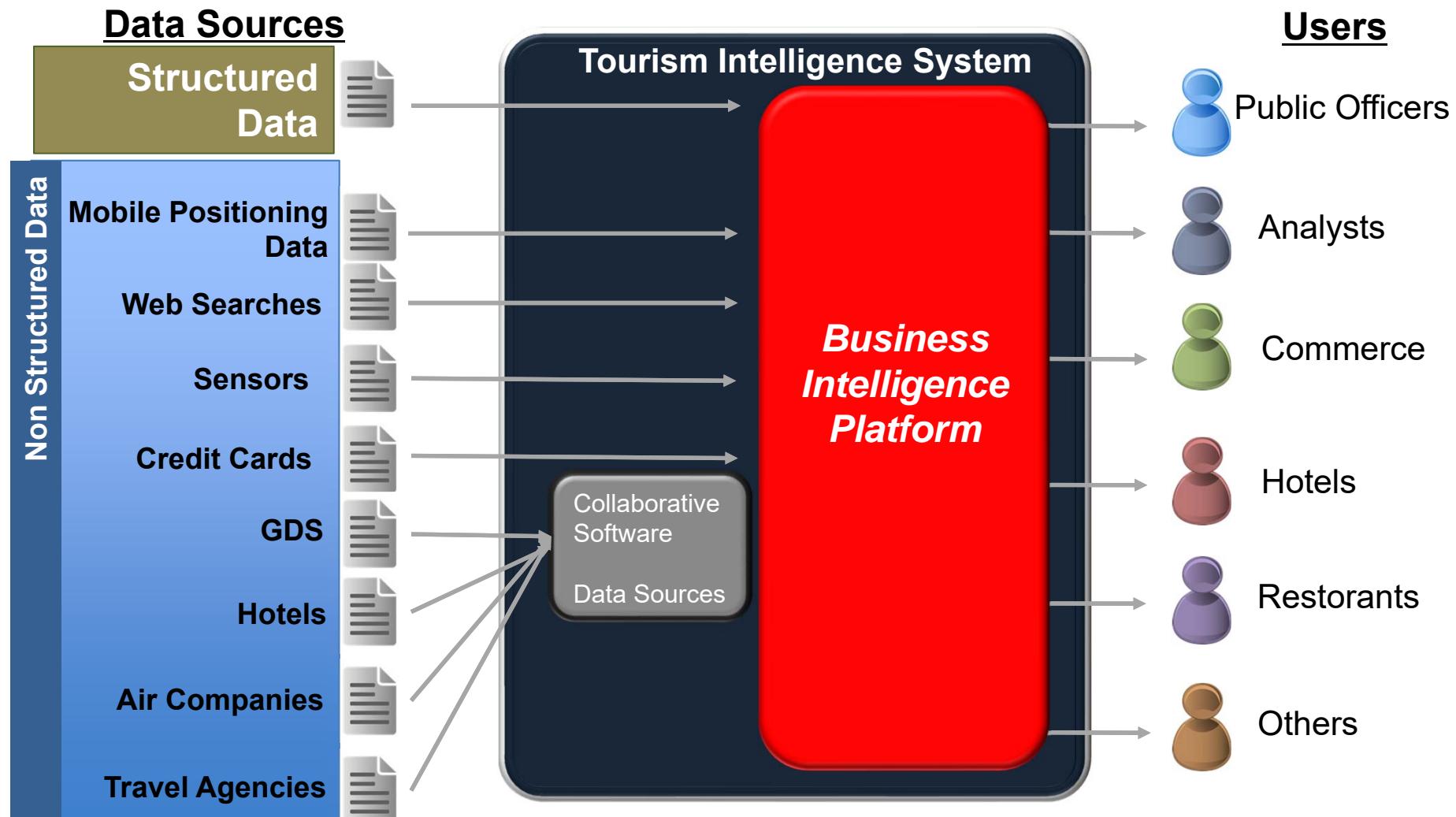
# Knowledge

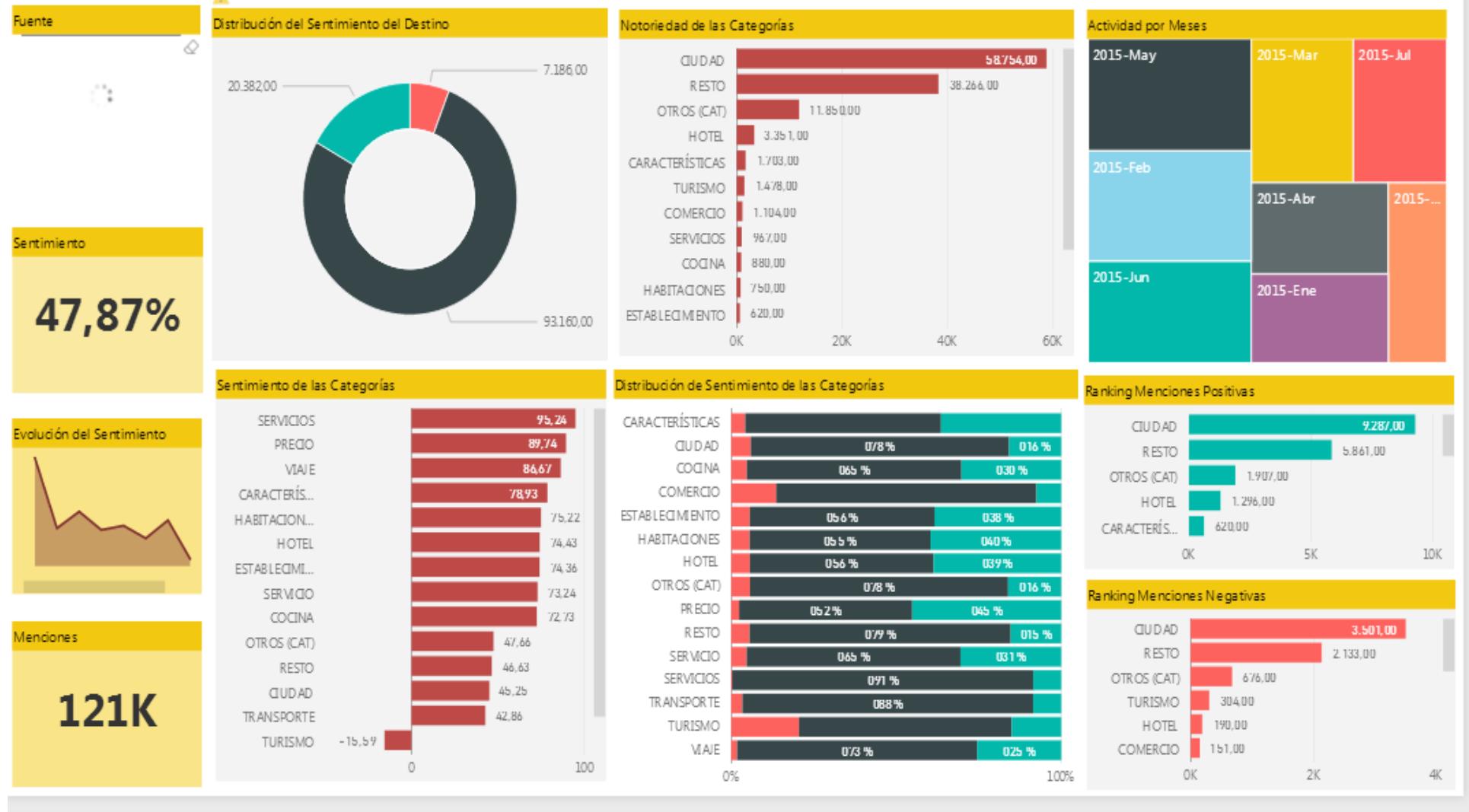


Source: Gartner (July 2016)



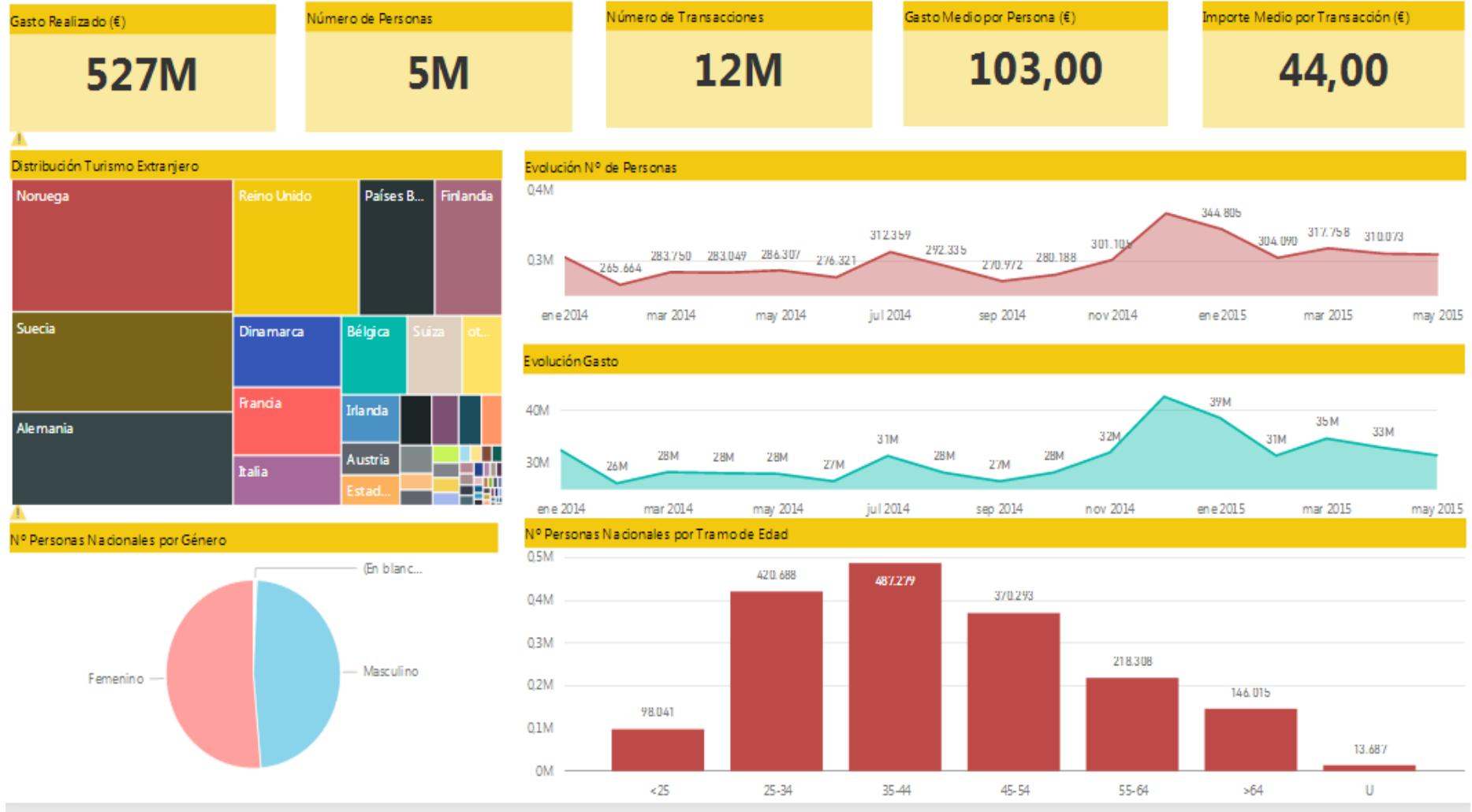




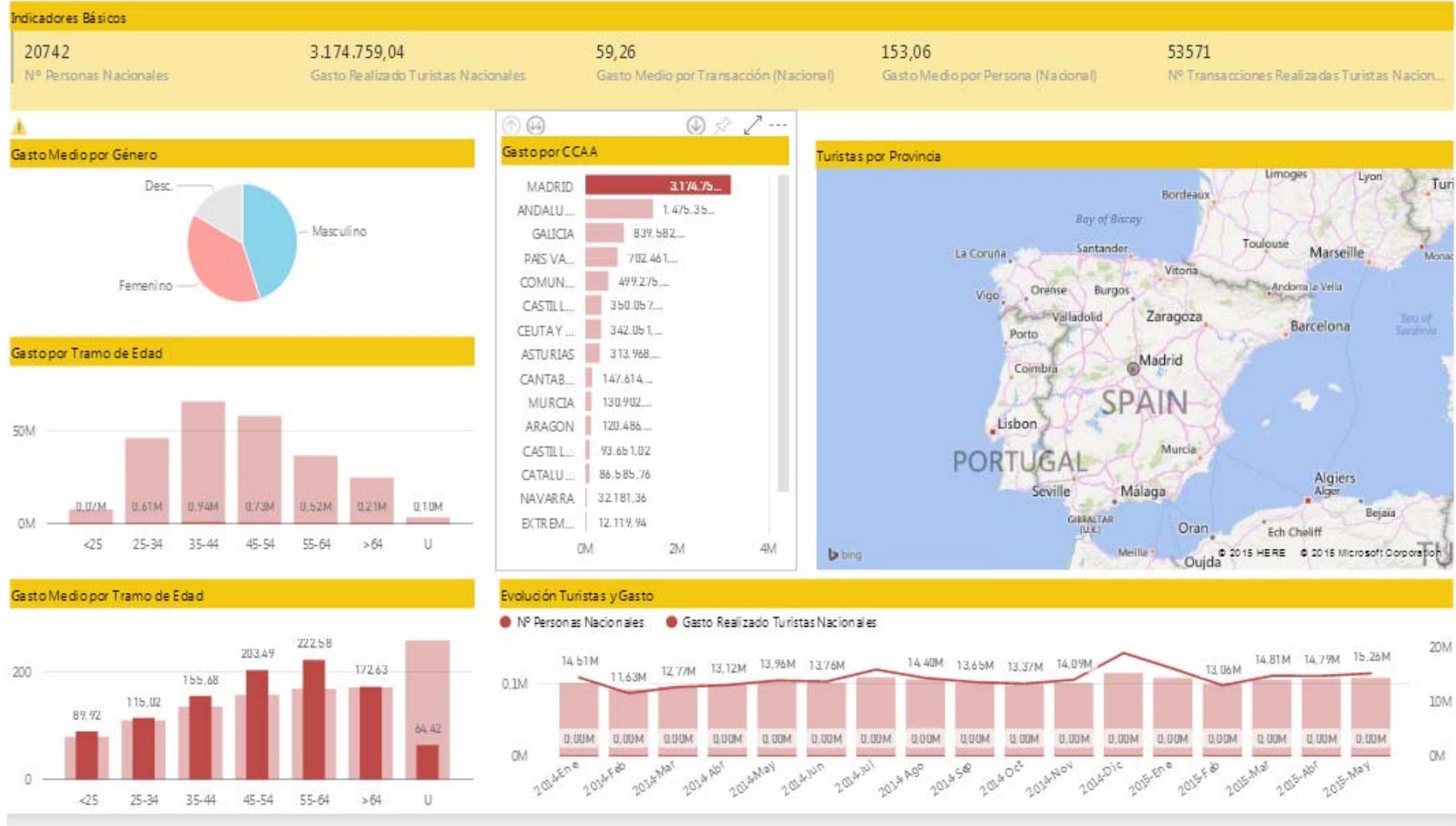




## Economic Impact – General Scenario



## Economic Impact – Domestic Tourism

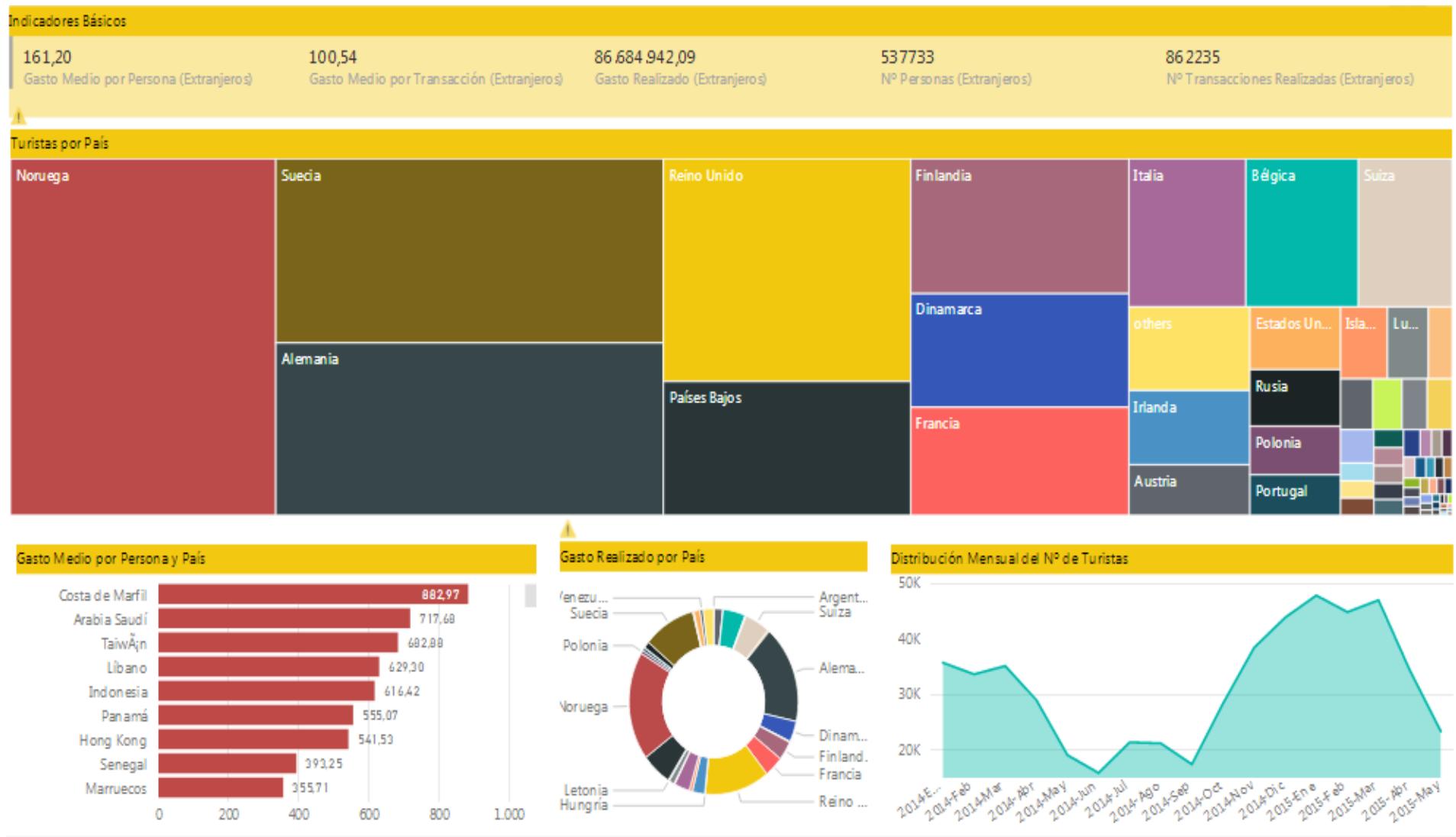




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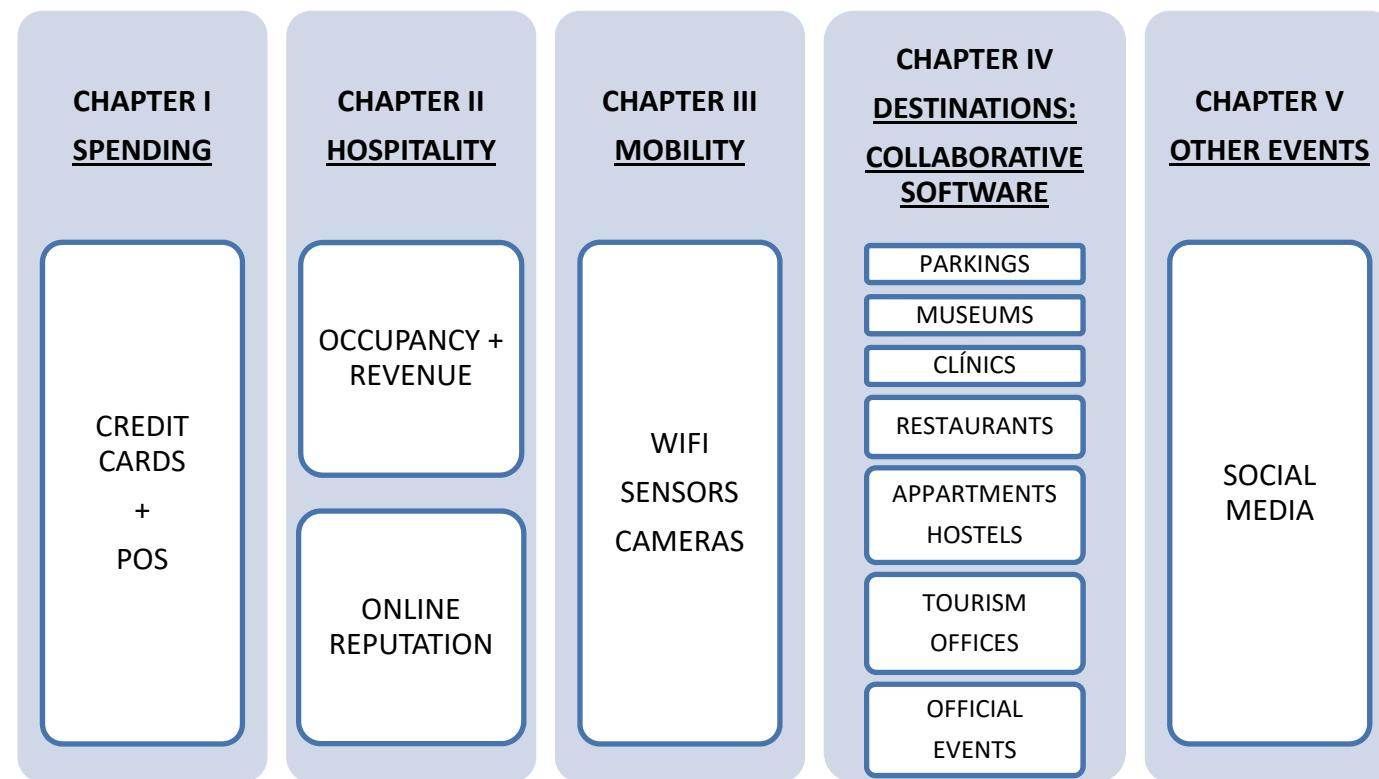
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## Economic Impact – International Tourism





# 1. DATA MODELS





## 2. REAL TIME DATA: Collaborative Software



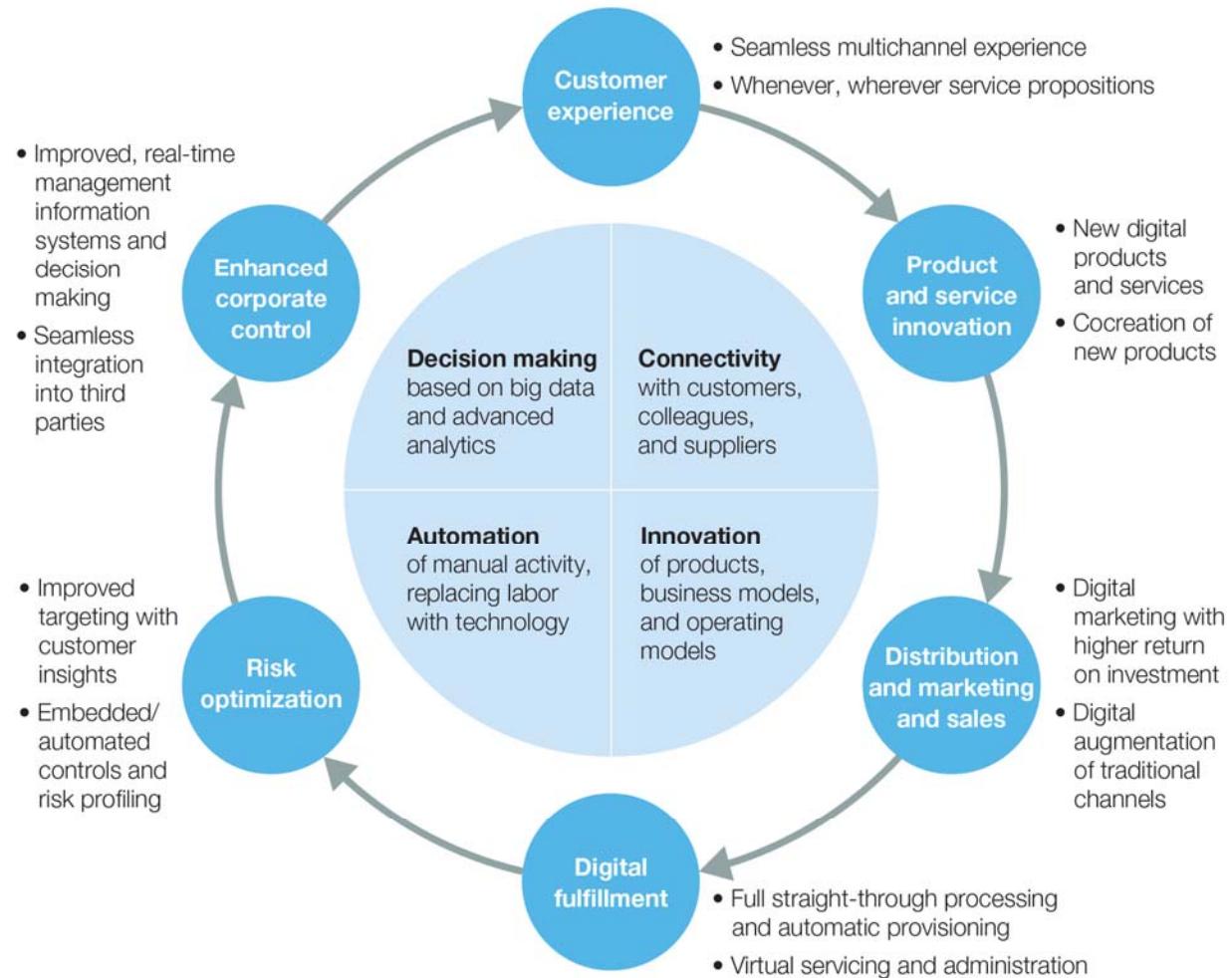


### 3. TRAINING PROGRAMS





1. Valid, reliable, representative and useful information (country, region, province or municipality).
2. Reasonable cost of implementation and maintenance
3. Solid base to take decisions to be more efficient and competitive (public and private sector)



Source: Expert interviews; McKinsey analysis



## The Digital Five Forces



**1. Mobility**  
lets companies  
know a lot  
about their  
customers in  
real time



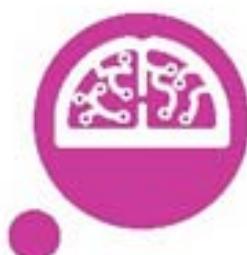
**2. Big Data**  
helps make  
sense of both  
structured and  
unstructured  
streams of  
information



**3. Social Media**  
provides  
insights into  
individual  
preferences  
without the  
observer effect



**4. Cloud**  
puts formidable  
computing  
resources in the  
hands of small  
companies with  
limited budget



**5. AI and  
Robotics**  
foster  
automation  
with deep  
learning  
systems



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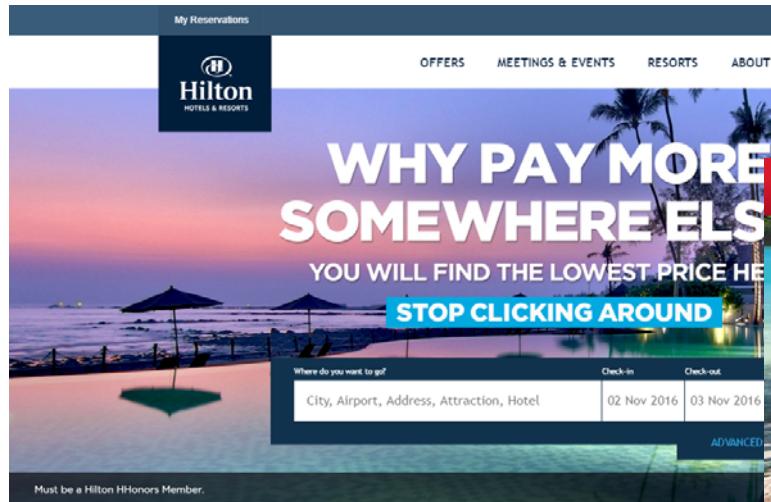


ALSA

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Pipeline  
Software





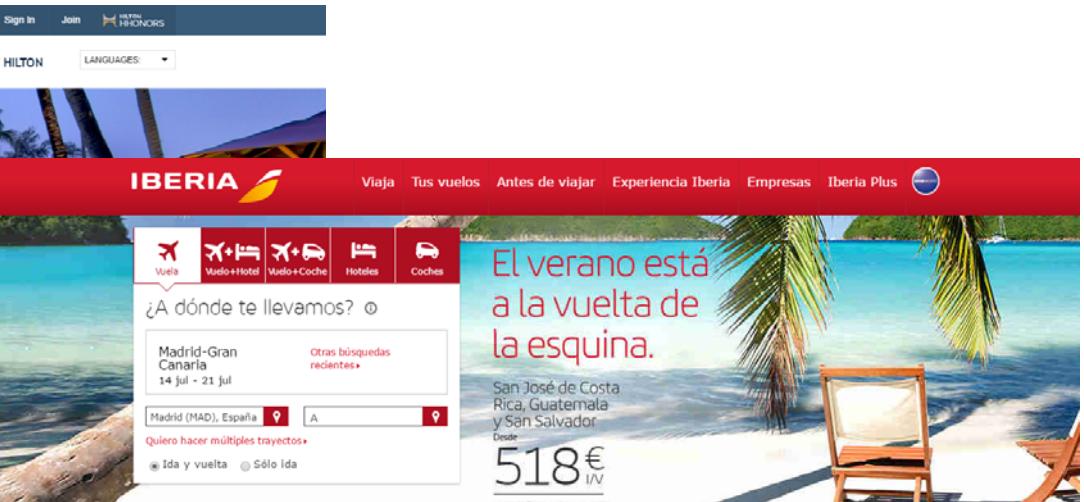
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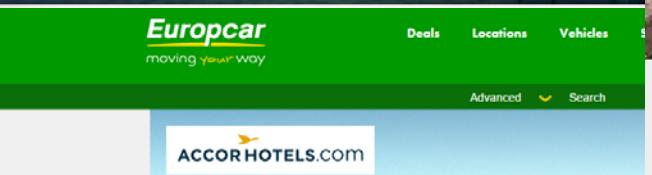
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Date of arrival 02 11 2016

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Tus reservas   
Estado vuelos

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Coche Paga en destino Suma Avíos

Vuelo + Hotel Pago fraccionado Suma Avíos

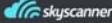


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Viaje de:  Trabajo  Ocio

Busca:  Todos los alojamientos  Hoteles  Casas y apartamentos

Habitaciones: 1 Adultos: 2 Niños: 0

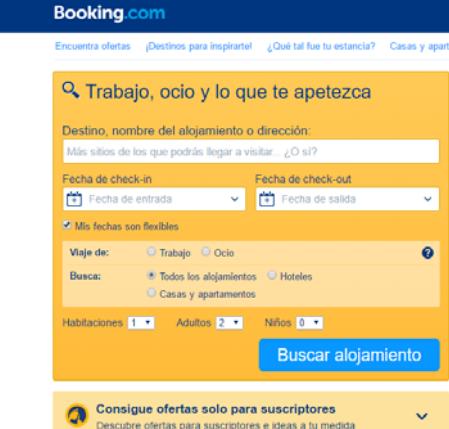
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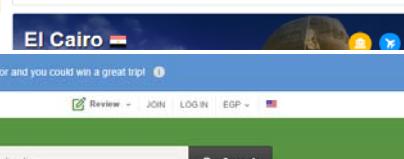
¡Ofertas nuevas todos los días!

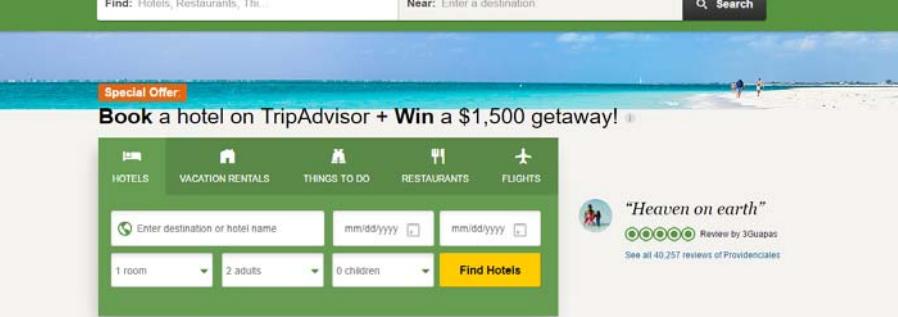
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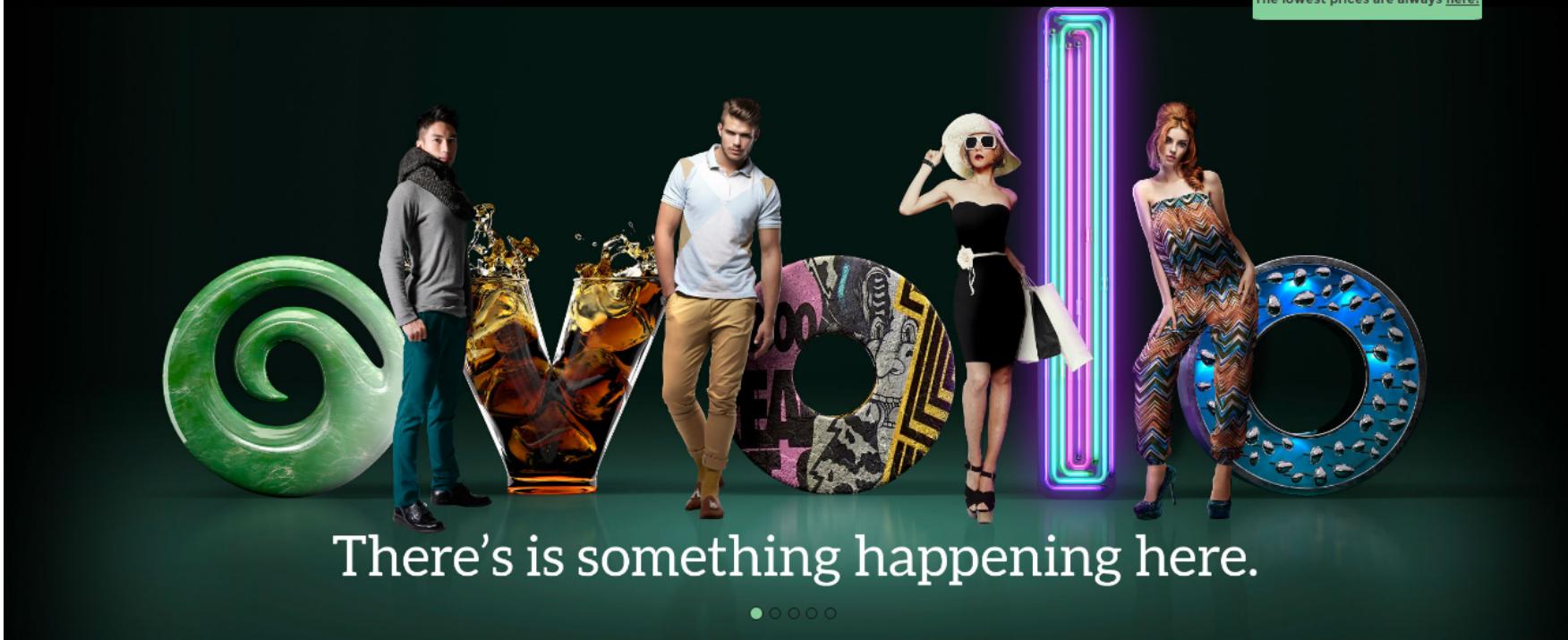
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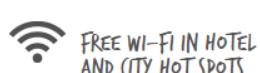
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Foto Cálculo de ruta...

244 viajes disponibles de Madrid a Sevilla

Hoy - 16:00 Madrid → Sevilla 20 € Ignacio P 30 años Viaje destacado

Hoy - 12:30 Alcobendas → Sevilla 25 € Nacho M 27 años Viaje destacado

Duración: 5 h 20 min Ordenar por

Hoy - 09:00 Madrid → Sevilla 25 € por plaza 2 plazas disponibles Andrés S 25 años Avanzado 4,8/5 - 5 opiniones 395 amigos

Hoy - 09:00 Aranjuez → Madrid → Sevilla 25 € por plaza 3 plazas disponibles Isabel A 25 años Avanzado 5/5 - 5 opiniones

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Ciudades

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Sevilla Valencia Mallorca

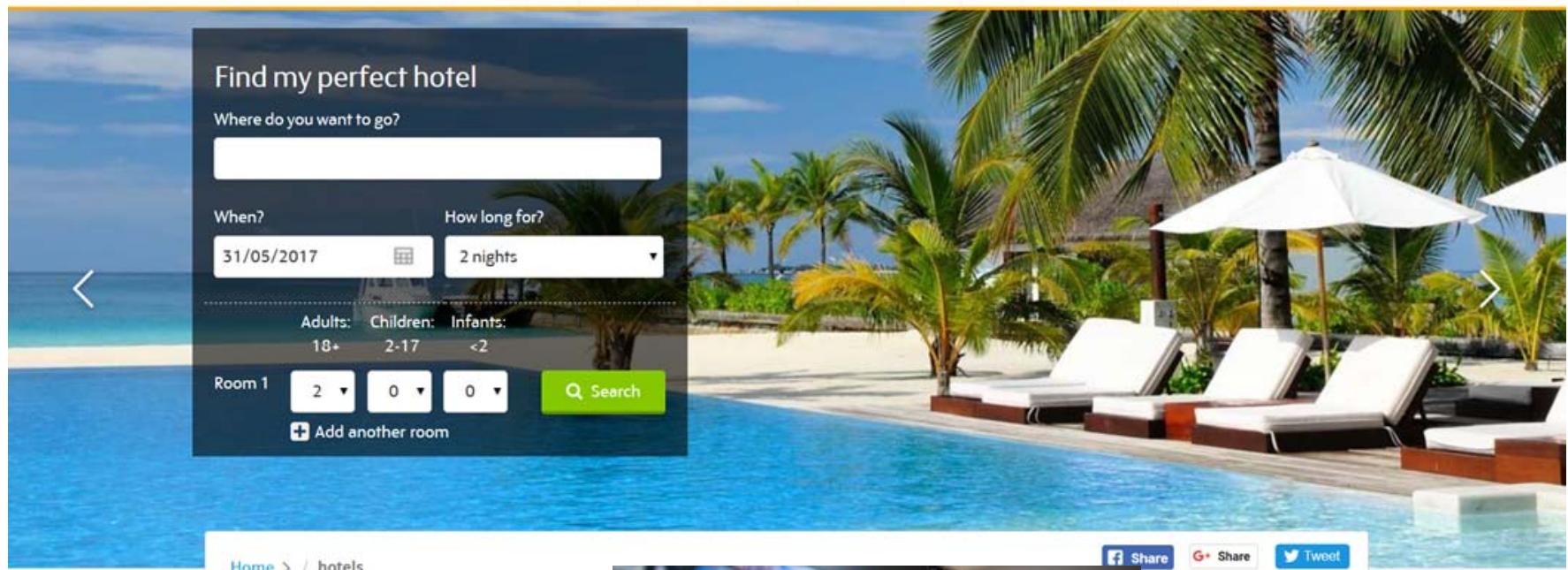


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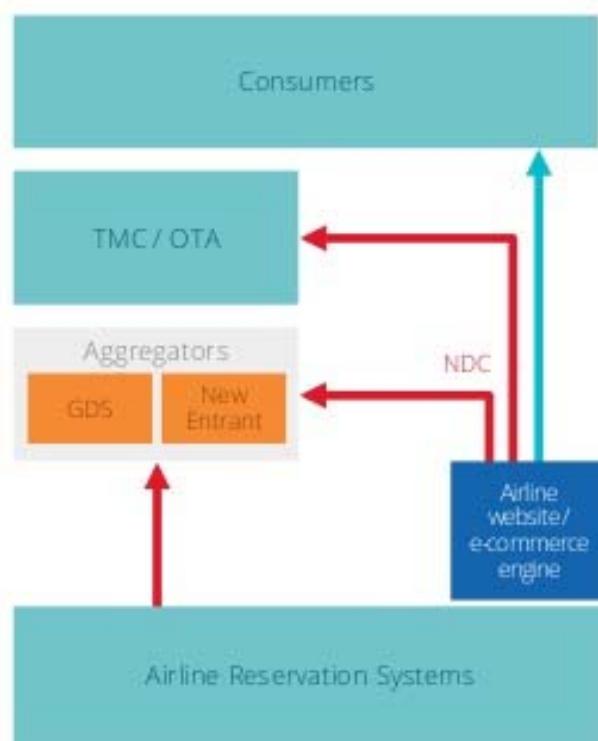
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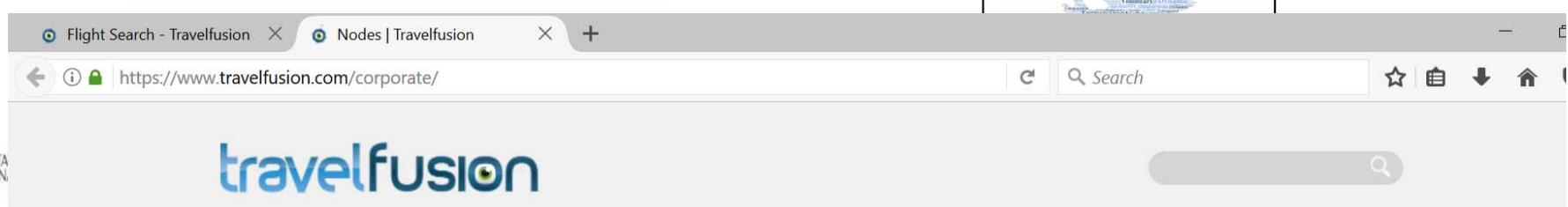




## NEW DISTRIBUTION CAPABILITY (NDC)



- Airline provides "offer"
  - Just as for direct channel
- NDC Standard
  - Lower costs, speed of innovation
  - Facilitates comparison
  - Connections exist, not interoperable
- Airline rich products:
  - Available via travel agents
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  - Enable comparison shopping





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### Blockchain Use Cases: Comprehensive Analysis & Startups Involved

Let's Talk Payments.  
**LTP**

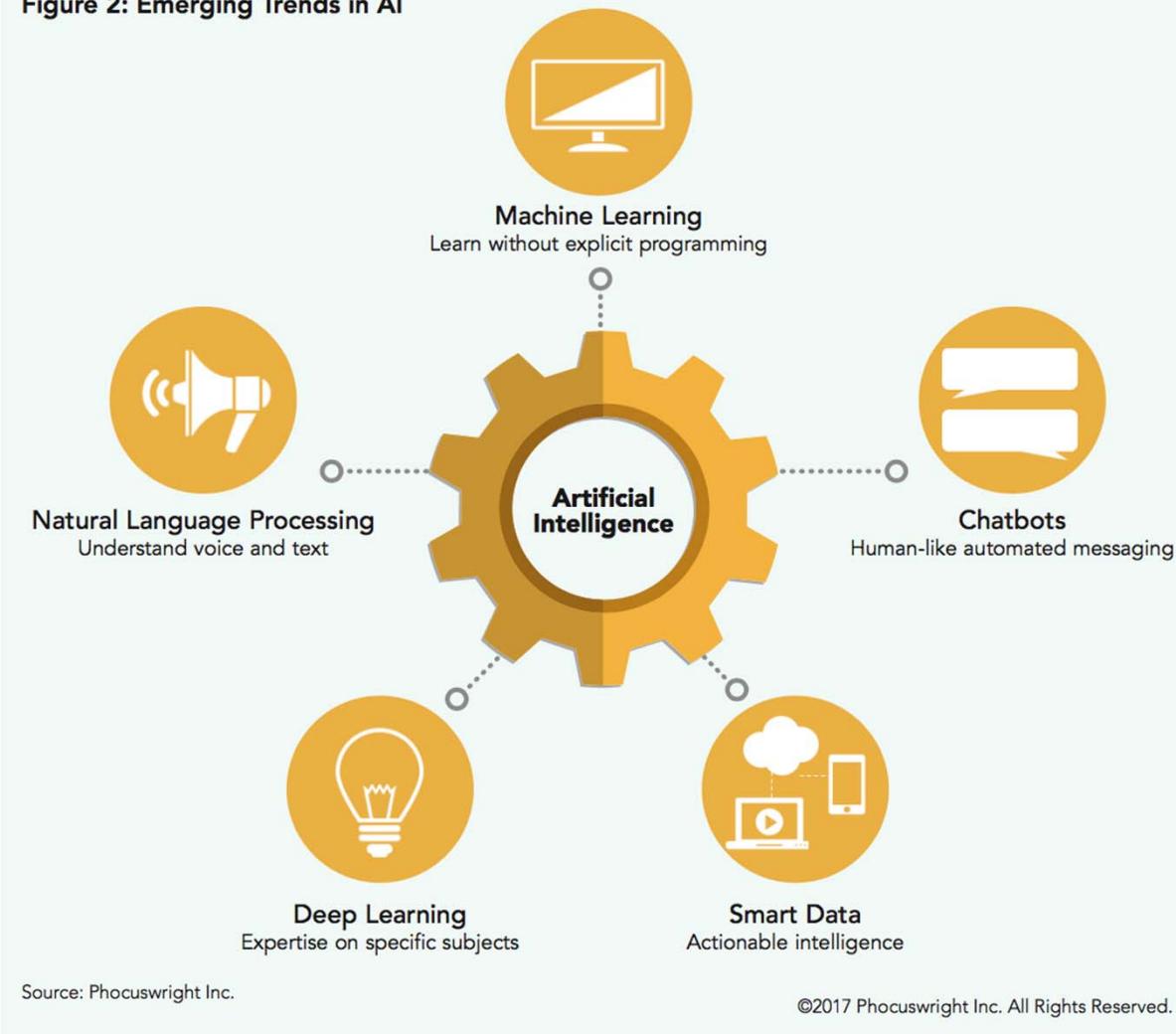


 ROOMSTORM





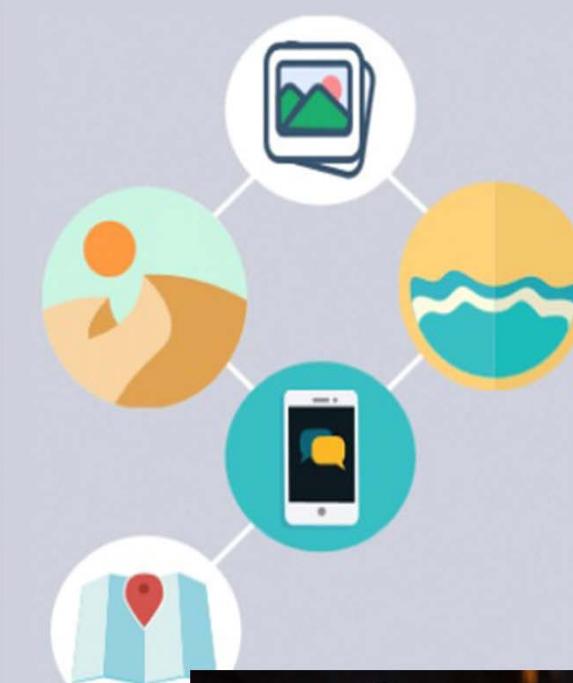
Figure 2: Emerging Trends in AI



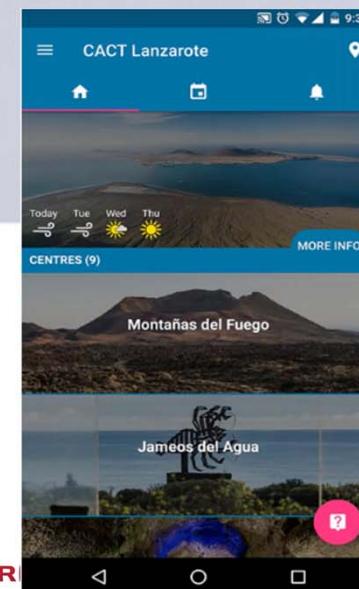


## Turismo Cognitivo

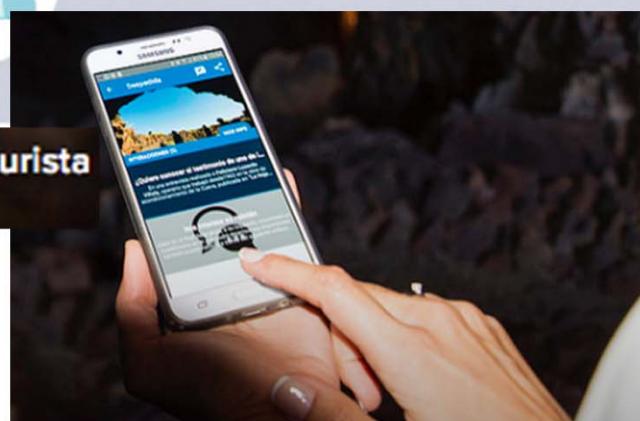
Tecnología al servicio del turista



Los sistemas cognitivos enriquecen la interacción del turista con el destino. Son asesores con capacidad para dialogar y ayudarle a disfrutar del entorno en función de sus preferencias.



IBM Watson



**Tecnología cognitiva al servicio del turista**  
por IBM España



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**Do you think technology affects the  
way people travel and  
thus your business?**





**Do you think you are ready to cover  
the needs of the new  
Digital Tourist?**





**Is your company considering adopting  
an “hybrid” business model  
or start cooperating with  
new disruptive players?**





**Do you think Virtual and Augmented Reality or the Artificial Intelligence will change your business in the near future?**





**We are in an very innovative environment.  
Is your company in contact with  
entrepreneurs, Accelerator Hub or  
Innovation Lab?**



