# A Recipe for the Future: Innovation and Adaptation amid the Post COVID-19 Recovery



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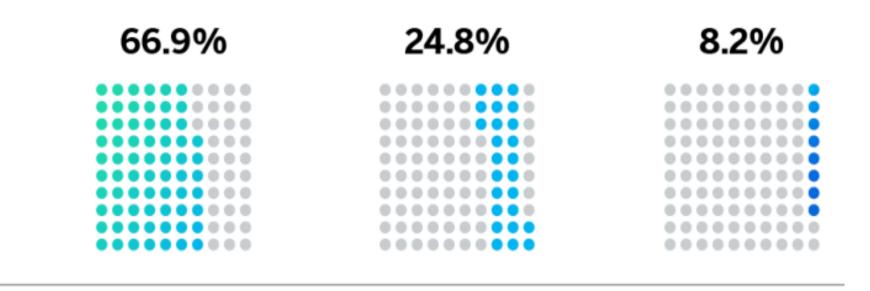
#### **Research Interests:**

Big data Analytics, Digital Economy, Sustainability, Social, Economic, Behavioral, and Psychological Impacts of Artificial Intelligence, & Future of Work



#### **Mental Health and COVID-19**

#### Level of stress since the coronavirus outbreak



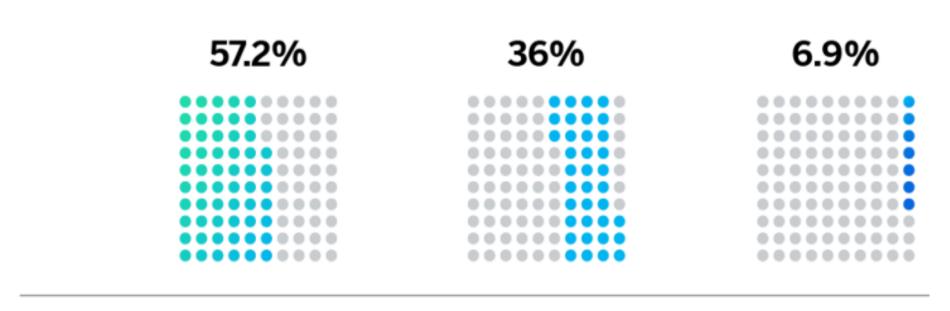
report **higher** stress levels since the outbreak

report somewhat equal stress levels report **lower** stress levels since the outbreak



#### **Mental Health and COVID-19**

### Level of anxiety since the coronavirus outbreak



report **more** anxiety since the outbreak report **neither more nor less** anxiety levels

report **less** anxiety since the outbreak



Source: quatrix.com

# **COVID-19** hard hit the hospitality tourism industry











# Impact on the whole food supply chain



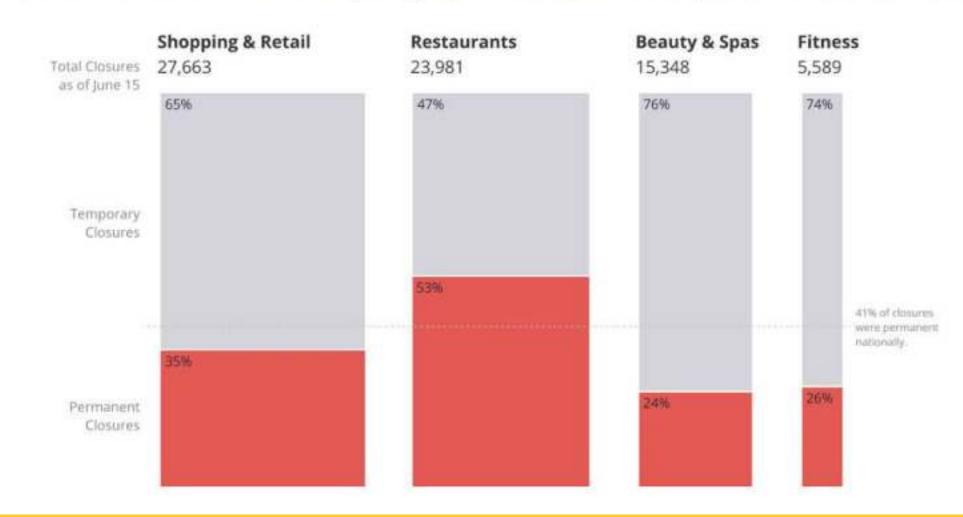






#### Restaurants and Retail have been Hit Hardest

Number of businesses marked temporarily or permanently closed on Yelp that were open on March 1



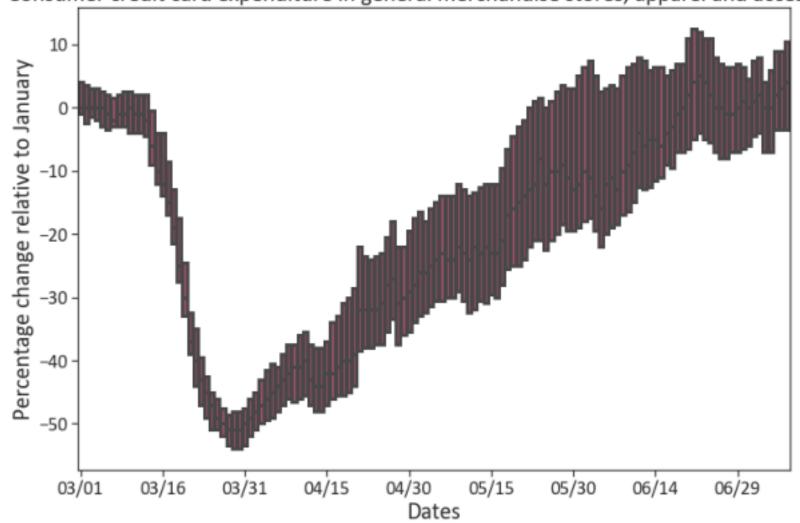


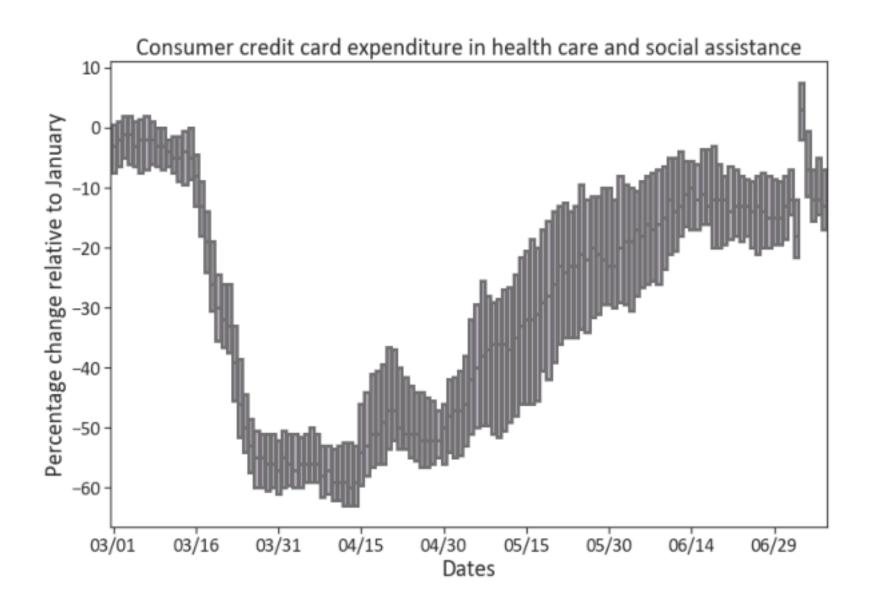
# **How Business Categories are Faring**

Change in share of relative consumer interest on Yelp for select business types

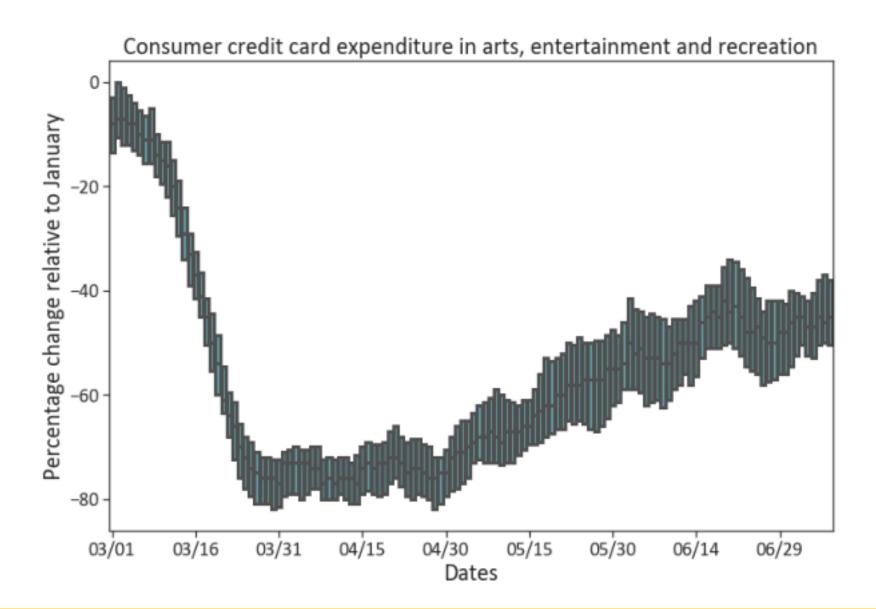


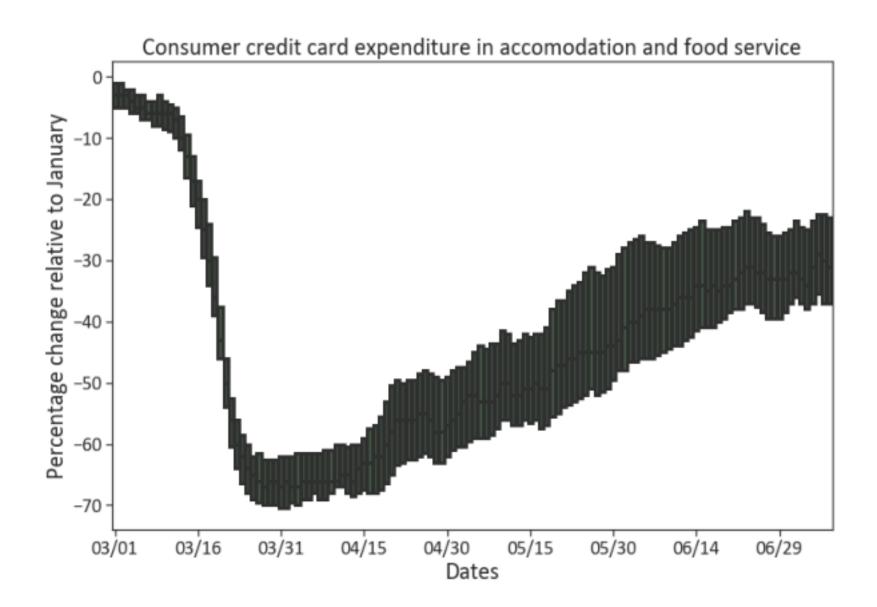
Consumer credit card expenditure in general merchandise stores, apparel and accessories



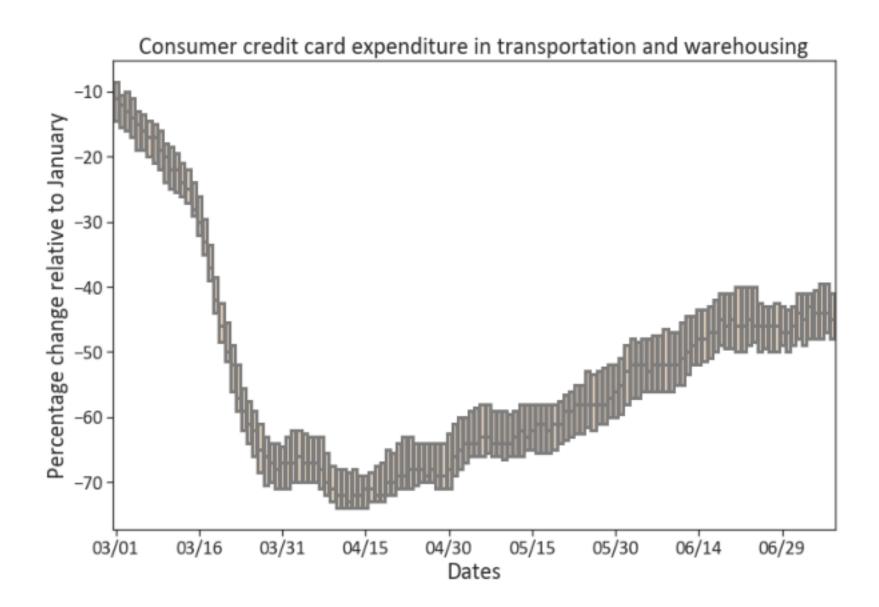


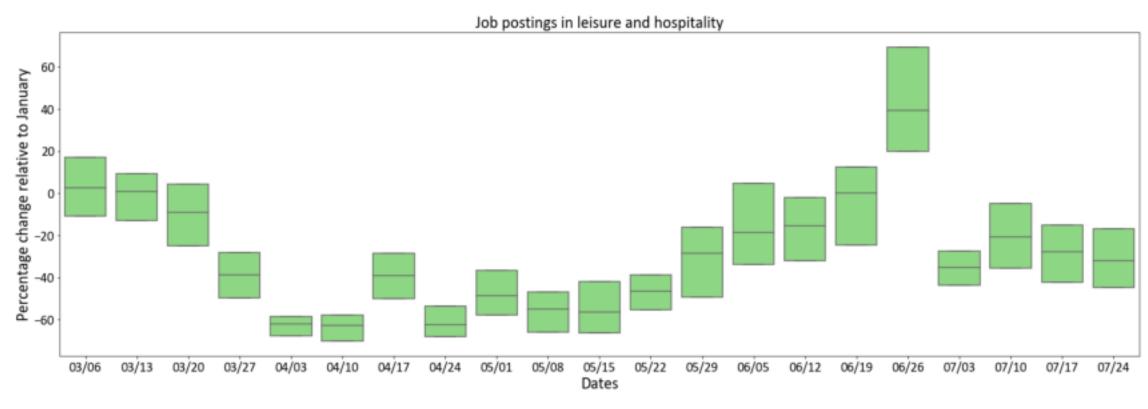








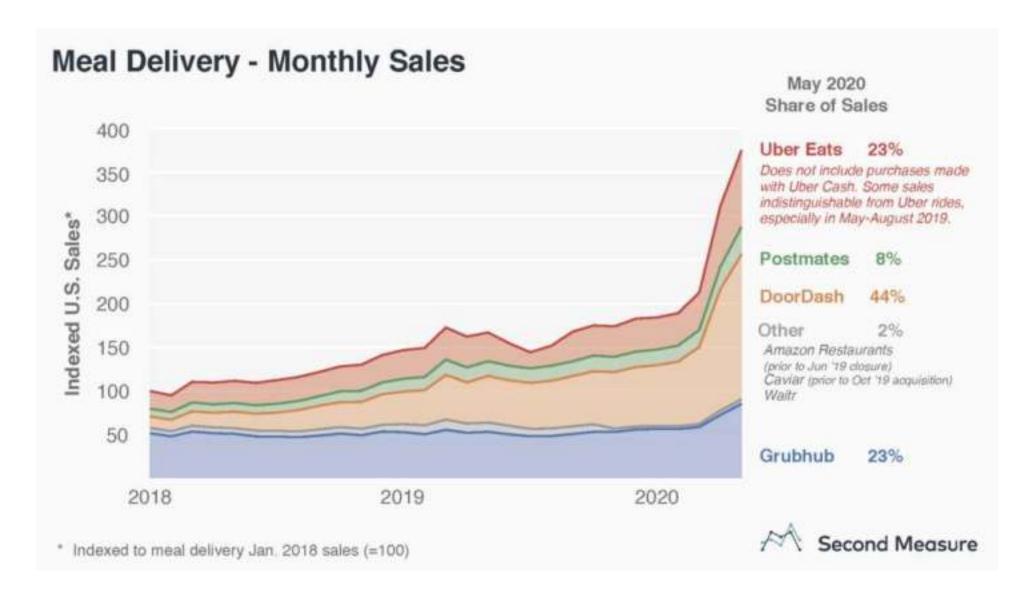














#### Chain restaurants recover faster than independent ones.



Source: BAC internal data



# What Happens When the Only Restaurants Left Are Chains?

Grub Street | 05-04





Source: Grubstreet.com

# A Recipe for the Future

**New Guest Experience** 

**Technological Adaptation** 

**Stronger Partnerships** 



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**New Guest Experience** 

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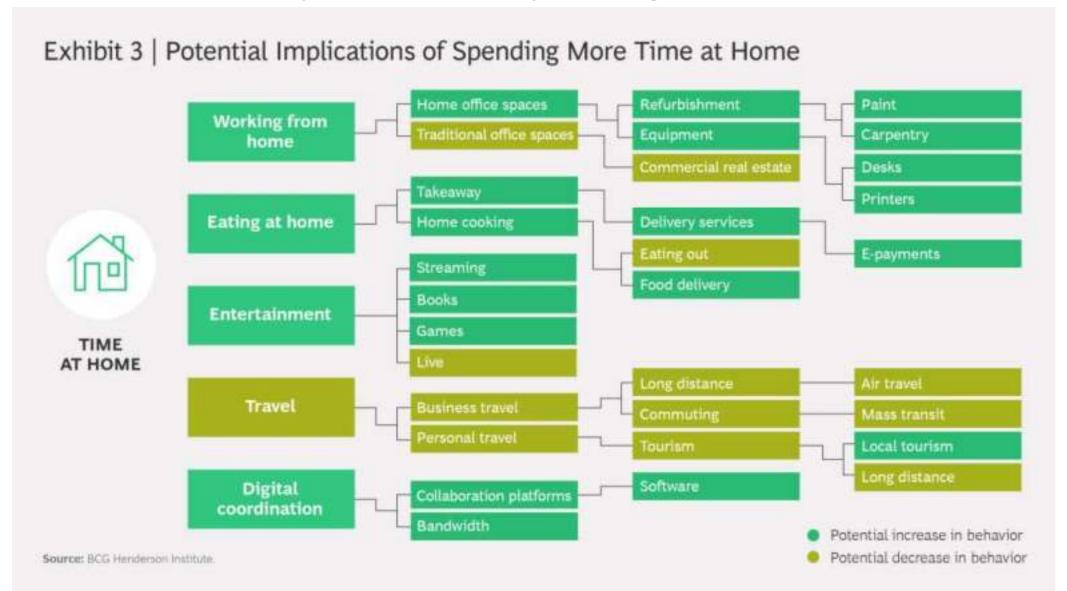
#### **Crises often lead to long-lasting changes**

Exhibit 1 | Crises Often Lead to Long-Lasting Changes





#### Potential Implications of Spending More Time at Home





#### **New Guess Experience**

**Shift in standards:** New procedures, tasks, and training need to taken to ensure that guests are safe and are informed about the new tasks.

**Effective communication:** Company apps, websites and signage can all be used to ensure guests are receiving the most up-to-date information.

**Personalized services:** Be creative with new implementations to provide personalized services amid and post COVID-19.



# **Tripadvisor's Travel Safe Initiatives**



Get Started ~

Build Your Business ~

Man

#### Best practices for the Travel Safe initiative features

Here are a few tips to make the most of this program:

- Select the safety measures that apply to your business Be sure
  your selections are accurate to properly set guest expectations.
- Use the free form text box to provide more details Take the
  opportunity to provide as much detail as possible by including links to
  more information on your website, blog or third-party standards (such
  as associations, local government certifications, etc.).
- Update your information regularly Customers are very interested in the latest information, which is why we've added a date stamp to the section. Be sure to add any updates as you work to comply with the latest regulations and guidelines.
- Remind guests to write reviews People want to know what things
  are like at your property right now. Be sure to remind all of your guests
  to write reviews at the end of their stays, and if applicable, mention the
  safety measures you have put in place.



#### **Tripadvisor's Travel Safe Initiatives**

#### + Highlights

- Hosts with eligible listings who commit to Airbnb's enhanced cleaning protocol will get a special highlight on their listing page
- Print out and sign our cleaning summary to help guests understand the steps you've taken
- Reassure guests by messaging them about your cleaning routine before check-in

#### How to tell your guests about your new cleaning standards

Reassure guests by sharing all you're doing to clean and sanitize your space.

Welcome! We're committed to Airbnb's enhanced cleaning protocol, which was developed in partnership with experts in health and hospitality. Here's what we've done to clean and sanitize the space:

- Approved products
- We use disinfectants approved by global health agencies to help prevent the spread of COVID-19
- Thoroughly clean
  - Each room was cleaned using extensive cleaning checklists
- Every surface sanitized
  - All high-touch surfaces have been sanitized, such as doorknobs, cabinets and light switches

- Protective equipment
  - We wore protective equipment, like a mask and gloves, while cleaning
- Cleaning supplies on hand
  - We provide extra cleaning supplies, so you can clean as you stay



Source: Tripadvisor.com

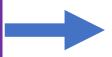
#### **The Precaution Principle**

"Approaching issues of potential harm when extensive scientific knowledge on the matter is lacking".

Pandemic transmission modeling suggested that face mask use should be nearly universal and nation-wide even if most masks are home made. (Eikenberry et. al. 2020)

For service industry

Effective precaution measures



Consumers' satisfaction



## Consumers' behavioral changes due to COVID-19

Greater embrace of digital technologies

Greater sense of personal protection

Density is less desirable

Greater need for visibility on cleanliness and sanitization



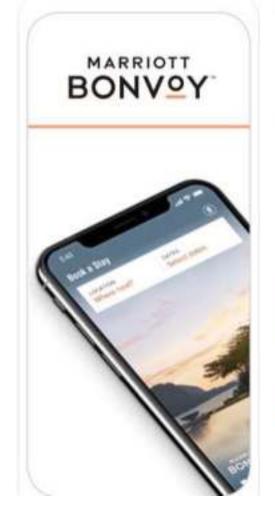
# A Recipe for the Future

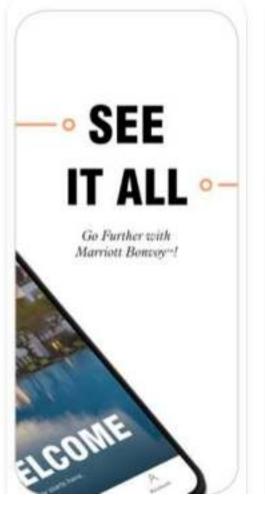
**New Guest Experience** 

**Technological Adaptation** 

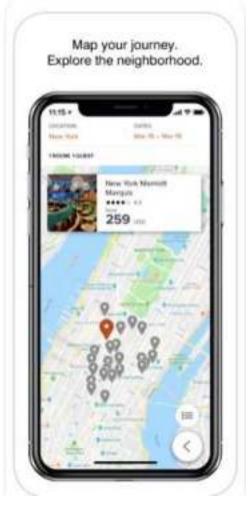
**New Partnerships** 











Marriott expects to expand the use of its Mobile Key technology from the 1,800 hotels to its Bonvoy program members to all the 7,000 properties by the end of 2020.



#### Take your cooking skills up a notch with an interactive lesson from a culinary pro!

Join one of your favorite NYCWFF chefs in their "virtual" kitchen for a hands-on lesson in creating delicious, signature recipes that will be sure to spice up your typical kitchen routine. In each class, a guest chef will guide you step-by-step through a recipe, answering your questions LIVE along the way. We'll bring the chef – you bring the ingredients!

#### **JOIN A CLASS**



Shakshouka and Zhoug with Alon Shaya

Tue, Aug 4 6:00 pm

Buy Now



Buttermilk Fried Chicken & Potato Salad

with Art Smith

Thu, Aug 6 6:00 pm

Buy Now



Details to Come!

Tue, Aug 11 6:00 pm

Coming Soon



Source: NYCWFF.org

#### **Innovative Craft Beer Festival**



#### Oklahoma Craft Beer Summit -Quarantine Edition

by Oklahoma Craft Brewers Association

\$25 - \$469.77

On Friday, May 15, from 7-10 p.m., the Craft Brewers Association of Oklahoma will host a series of live-streamed seminars on Facebook Live featuring our local brewery representatives alongside national Brewers Association representatives and some national names you just might know. •• (Tentative schedule below.)



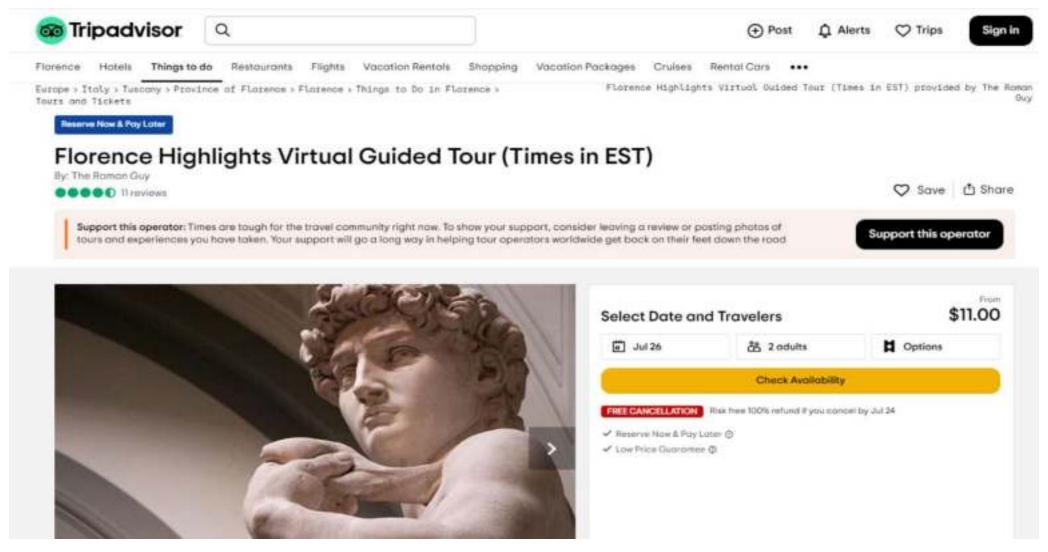
# **MICE Industry Goes Digital**



The world's first VR conference "V2EC" held on March 19, 2020,



#### **Virtual tours**





#### **Robotic Server**



Dimension

Double-tray: 445 x 430 x 1046 Single-tray: 445 x 430 x 810

**Number of Trays** 

2ea, 16 inch trays

1 bus tub

(optional) drink tray / extra bus tub

Weight

33kg

Payload

30kg

**Battery Life** 

8 - 12hrs

**Charging Type** 

Wall charger

(Input 100-240V AC 3.5A 50/60Hz,

Output 28.6V DC, 8.0A)

Controller

External tablet or attached touchscreen



# A Recipe for the Future

**New Guest Experience** 

**Technological Adaptation** 

**Stronger Partnerships** 



# Aldi and McDonald's staff sharing deal in Germany

The partnership will help Aldi stores manage massive demand for at-home food arising from the pandemic while redeploying a restaurant workforce affected by closings and locations with restricted operations.

Under the agreement, McDonald's employees are specifically referred to Aldi and used there as required on a temporary basis and can return to the fast food restaurant after the assignment.



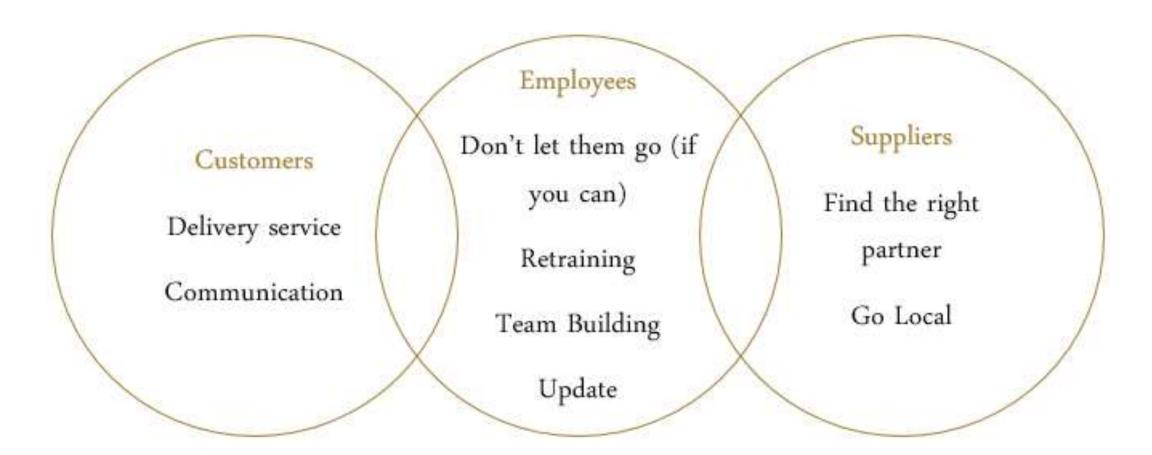
#### **Stronger Partnerships**

Trust relationship among entities on the supply chain network

Labor market and transferrable skills



### **New Partnerships**





Skill transferability

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Baggage handlers	Logistics Coordinator	

Baggage Job Activities	Transferrable Skills	Logistics Job Activities
Handle load and unload baggage and cargo	Cope with physical demands	Prepares loads for shipment
Perform handling procedures like documentation	Practical work application, procedural mindset	Monitors orders, receives products and coordinates delivery
Implement safety procedures and standards in handling customers' baggage	Problem-solving skills	Process customer returns and ensure orders fulfilled within service level agreement
Keep track of the baggage while transferring from cars and buses and aircraft	Attention to detail	Takes steps to avoid quality control issues
Direct and interact with clients in the delivery processes of their baggage	Interpersonal communications	Receive incoming customer calls, respond to orders, returns, general inquires
Protect customers' baggage from theft, loss and damage	Display alertness	Completes activities throughout the order fulfillment cycle to make sure deadlines met and batches posted



Source: forbes.com

# **Summary: A Recipe for the Future**

**New Guest Experience** 

**Technological Adaptation** 

**Stronger Partnerships** 

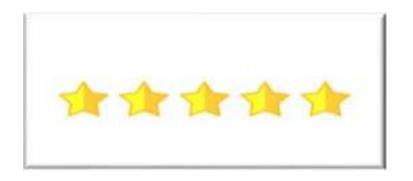


# **Future Steps**

AI in the Workplace



**Consumer Value Evolution** 



**Overcoming Challenges** 



New partnerships



Work Reorganization





# **Questions?**

**Thank You!** 

