# Adopting emerging technologies within Supply Chain

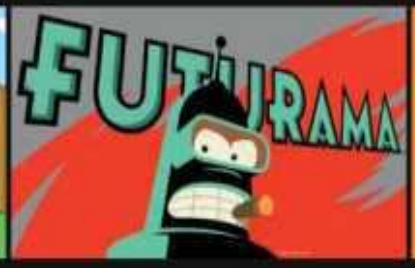
**Kunal Gupta**
**Senior Director – Global Supply Chain**
**Kitopi**

NETFLIX Browse Kids Search Marco Coc...

## Popular on Netflix

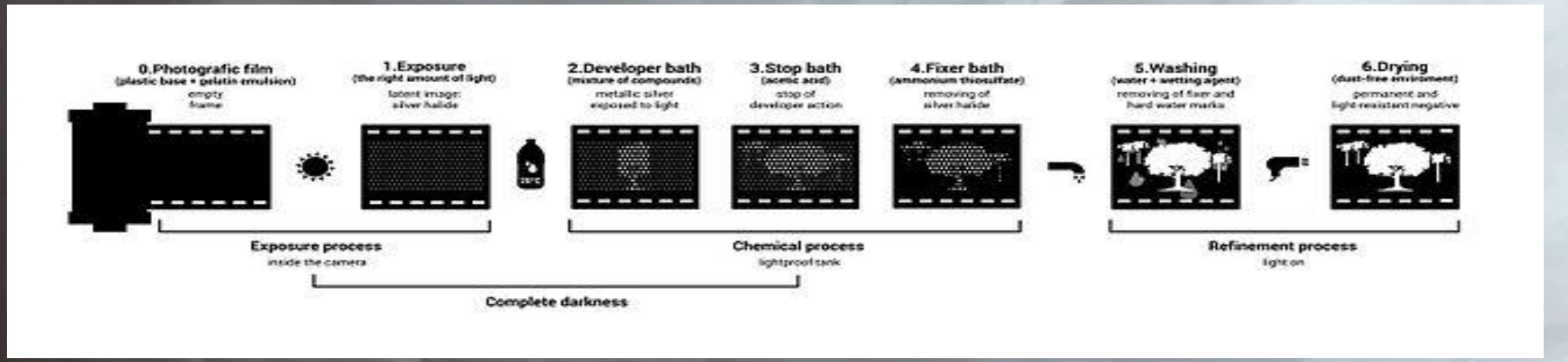
## Trending Now

## Top Picks for Marco Cocomello



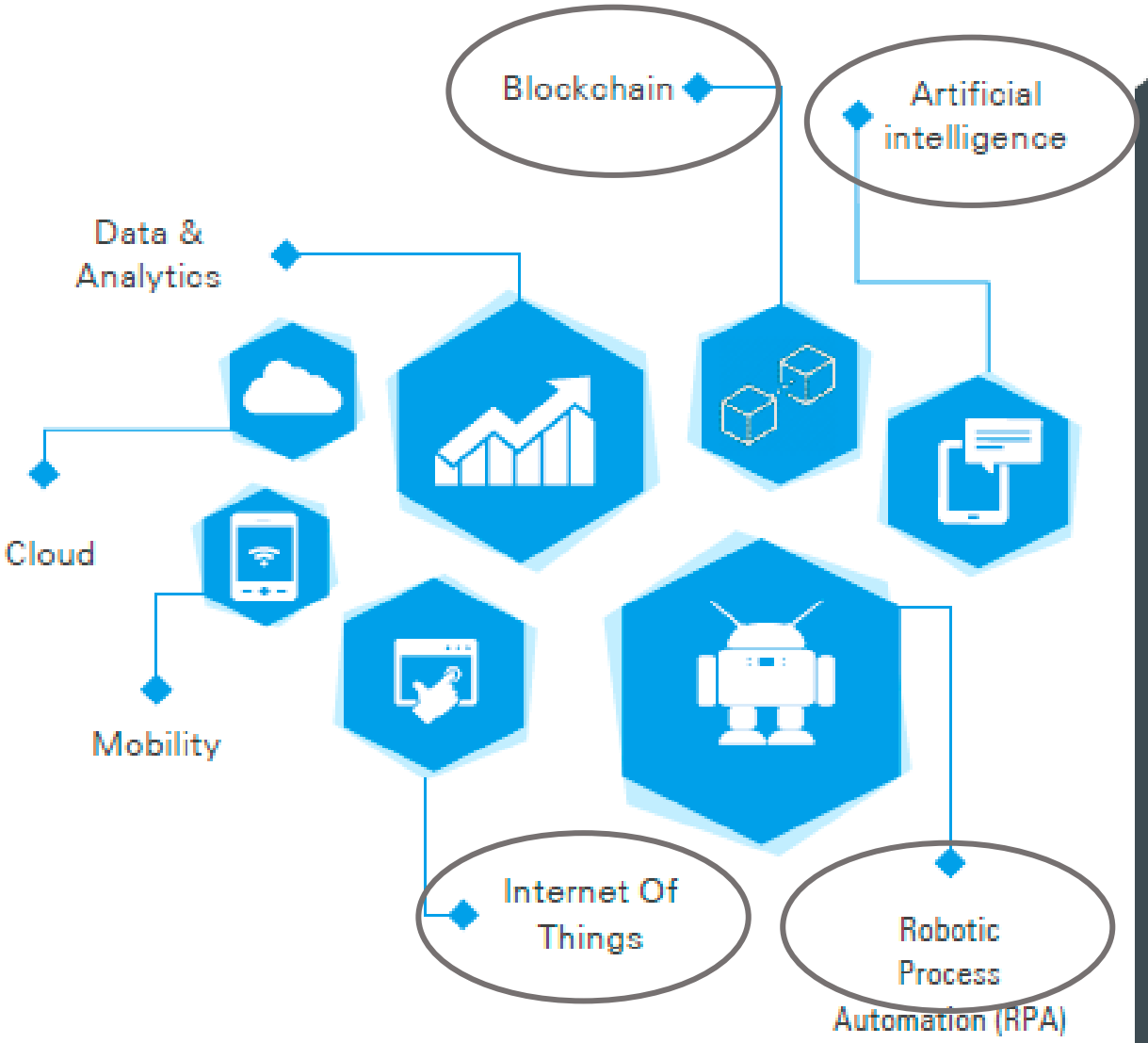
## Exciting Crime TV Action & Adventure

# Customers were prepared to wait for 2 weeks to see their photographs



# Customers expect Instant Publication of their photos

# IF YOU’RE NOT DISRUPTING , YOU’RE BEING DISRUPTED




iPhone 7 is **120x faster than the first iPhone** released just 9 years ago

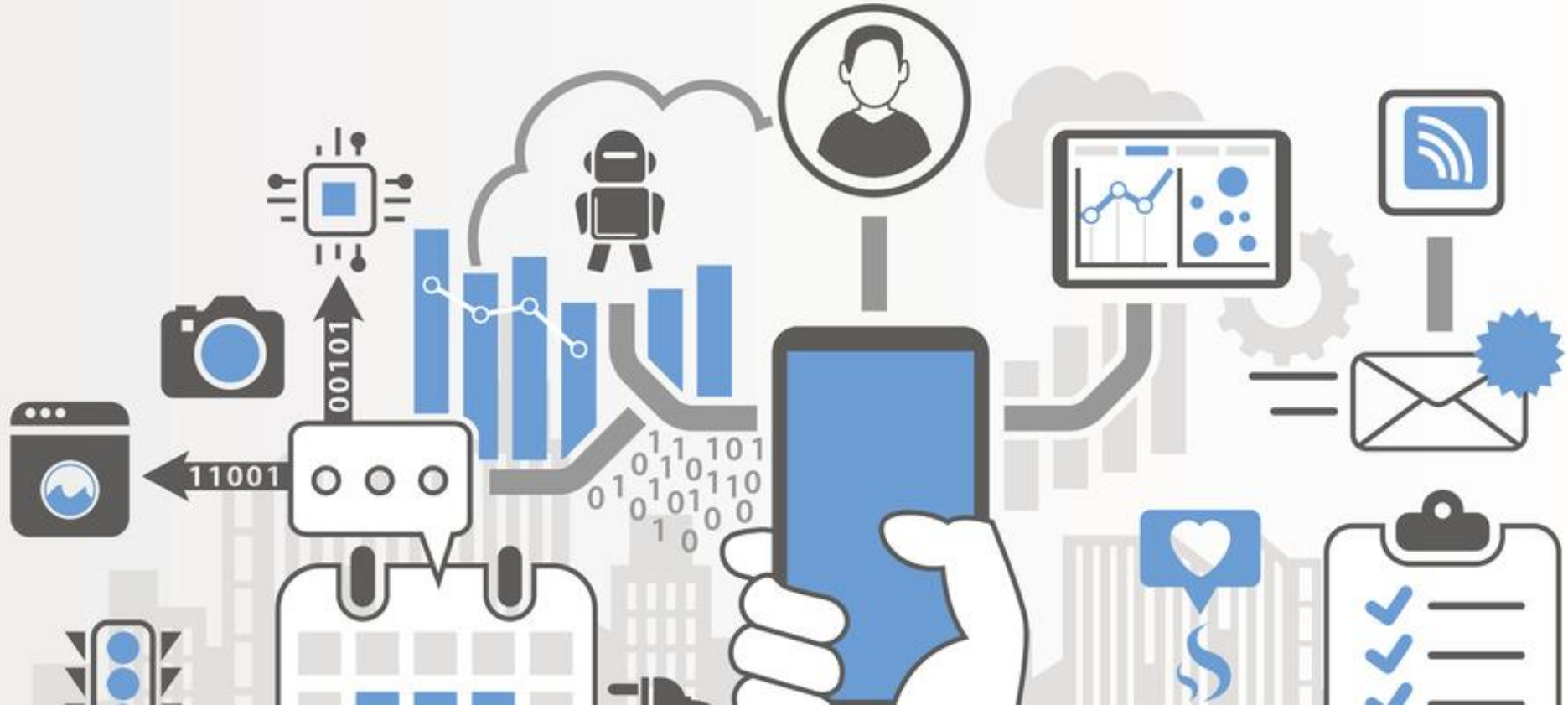
Number of **connected devices will triple to 20 billion** by 2020

**More data** has been created **in the past two years than the entire previous history** of the human race

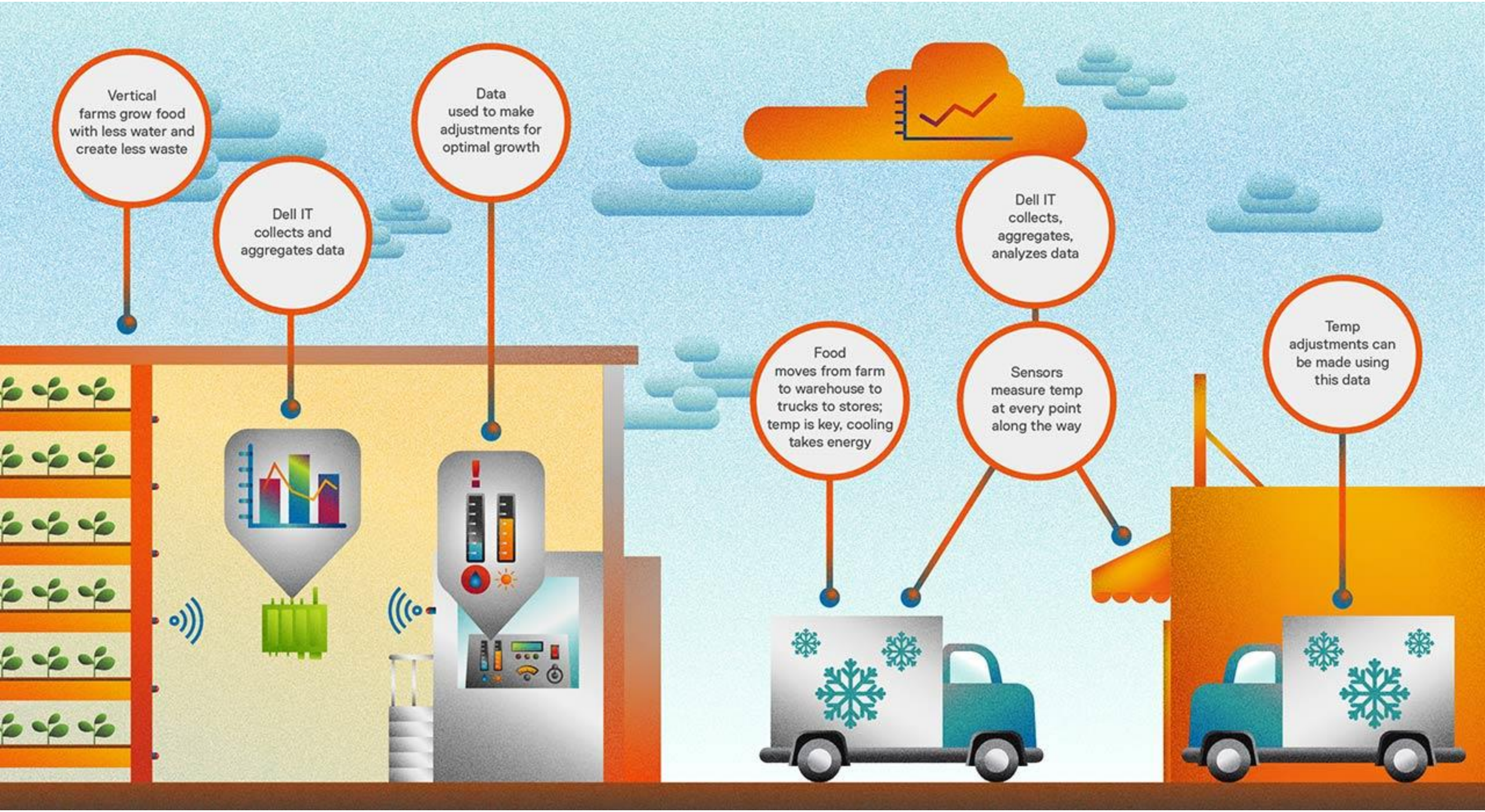
**150M jobs** will be **replaced by AI** and automation by 2025

**65% of today's** grade school **children will be employed in jobs that haven't yet been invented**

# IOT



# IOT in Agriculture


Vertical farms grow food with less water and create less waste
Dell IT collects and aggregates data
Data used to make adjustments for optimal growth
Dell IT collects, aggregates, analyzes data
Food moves from farm to warehouse to trucks to stores; temp is key, cooling takes energy
Sensors measure temp at every point along the way
Temp adjustments can be made using this data

THE IMPORTANCE OF
Blockchain in
Food Traceability

# Walmart & IBM are envisioning a fully transparent 21st century digitized food system

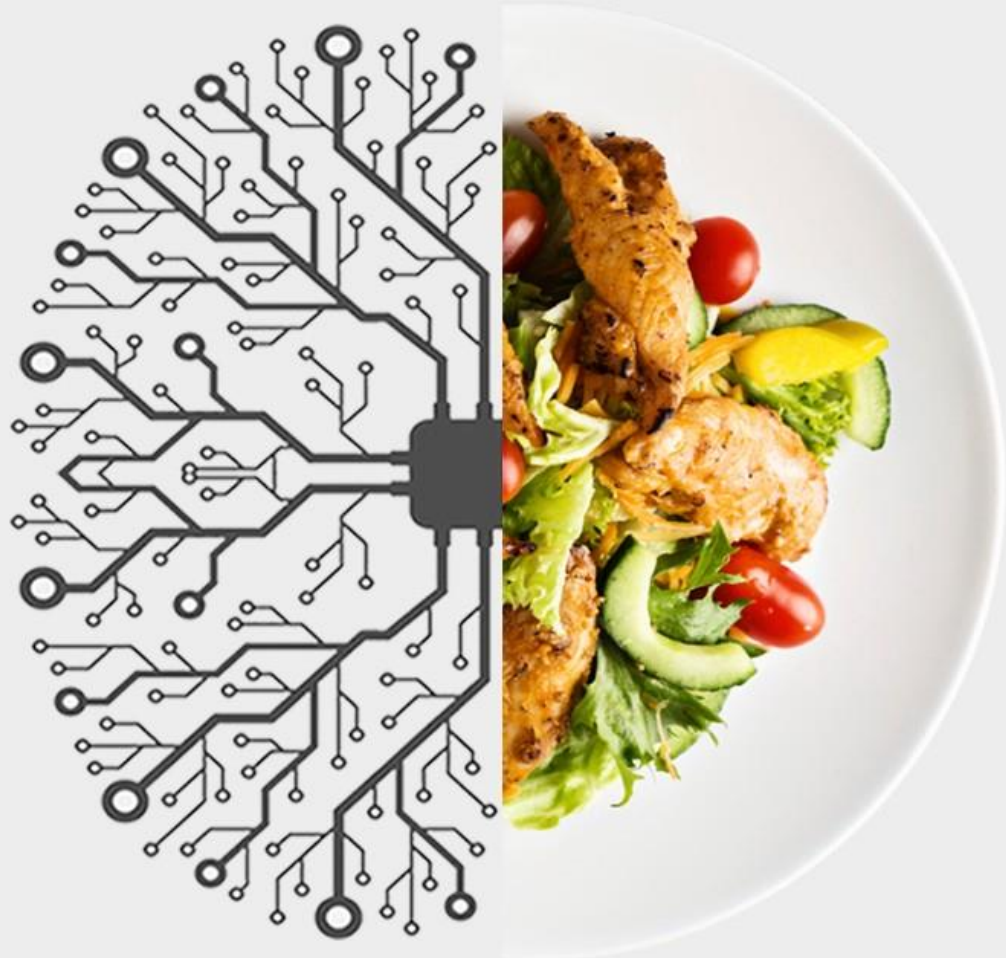
## In case of a food safety issue, how to do traceability in minutes/ seconds instead of weeks ?

SOURCE: Frank Yiannas and Walmart are the source for this slide content.

#IBMBlockchain

© 2017 IBM Corporation

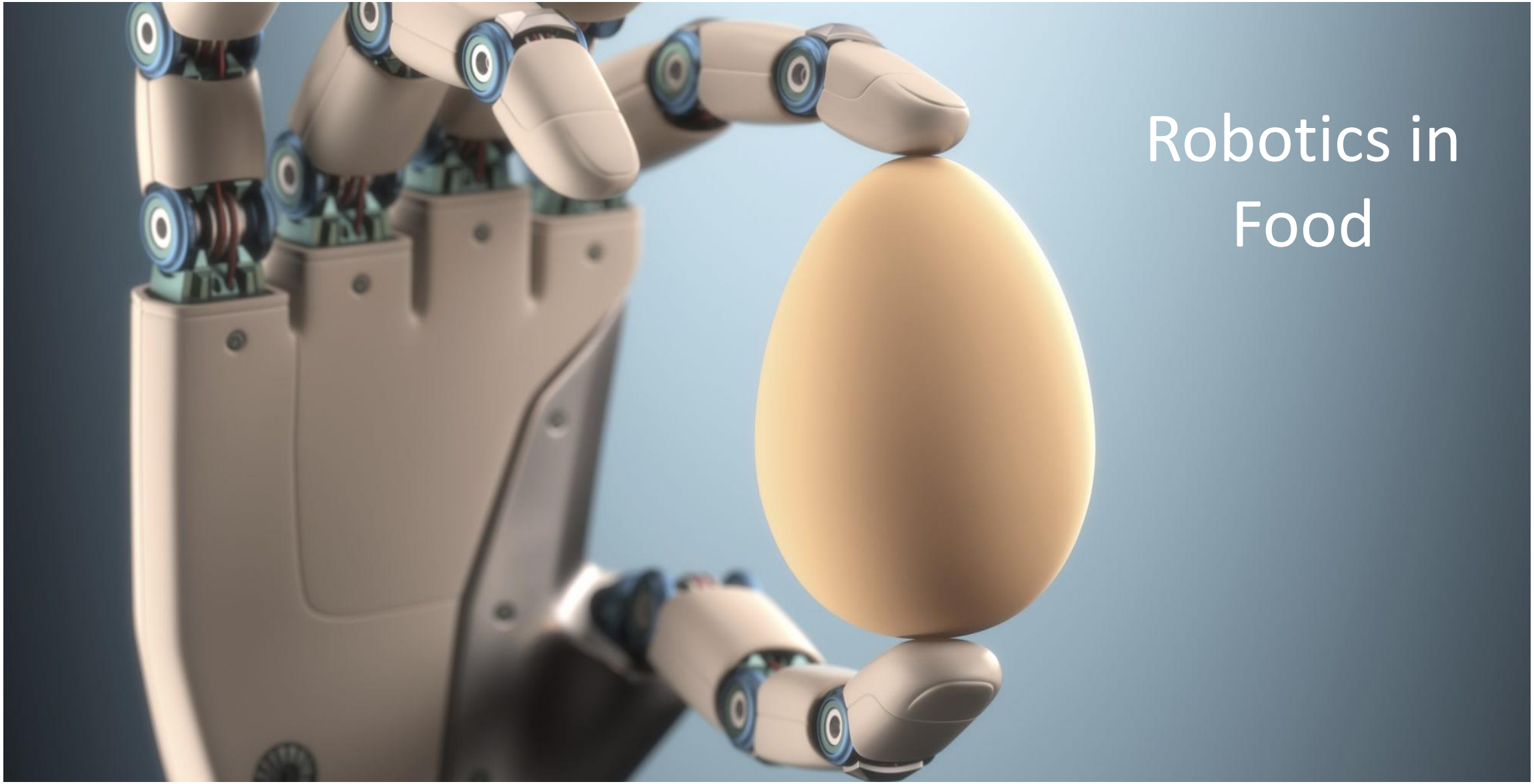
Artificial Intelligence



food

Colonel Sanders takes it one level up

# AI in Food Industry – KFC



# Robotics in Food

SPYCE
clideo.com

# FINAL THOUGHTS

" It is not the strongest of the species that survives , nor the most intelligent that survives. It is the one that is the most adaptable to change."

- Charles Darwin (1809-1882)