



# Going Forward, Together

Dilemmas about Advanced Technology

ARTIFICIAL INTELLIGENCE  
RISE OF THE MACHINES?



**TERMINATOR 3**  
**RISE OF THE MACHINES**

THE WAR BEGINS JULY 2

# The AI Library Dilemma: Benefits & Pitfalls

## AI in the world

- Dalle 2
- Tesla
- Every photo we take with our smartphone



## AI in Libraries

- Operational Efficiency
- Quality of Service
- Predictive Models

## Ex Libris Going Forward

- Automatic Classification
- Metadata Enrichment
- Workflow Recommendations

# DALL·E 2

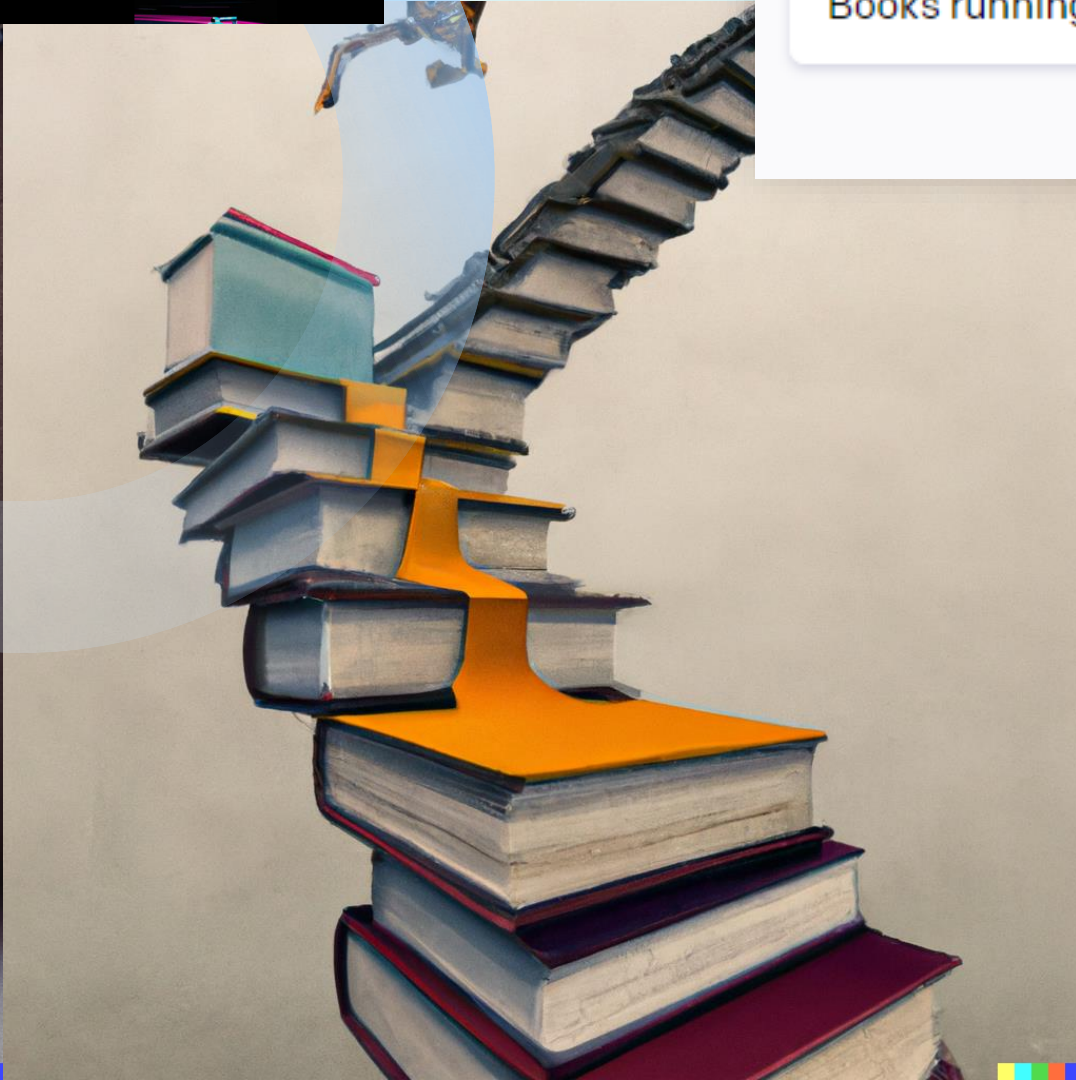
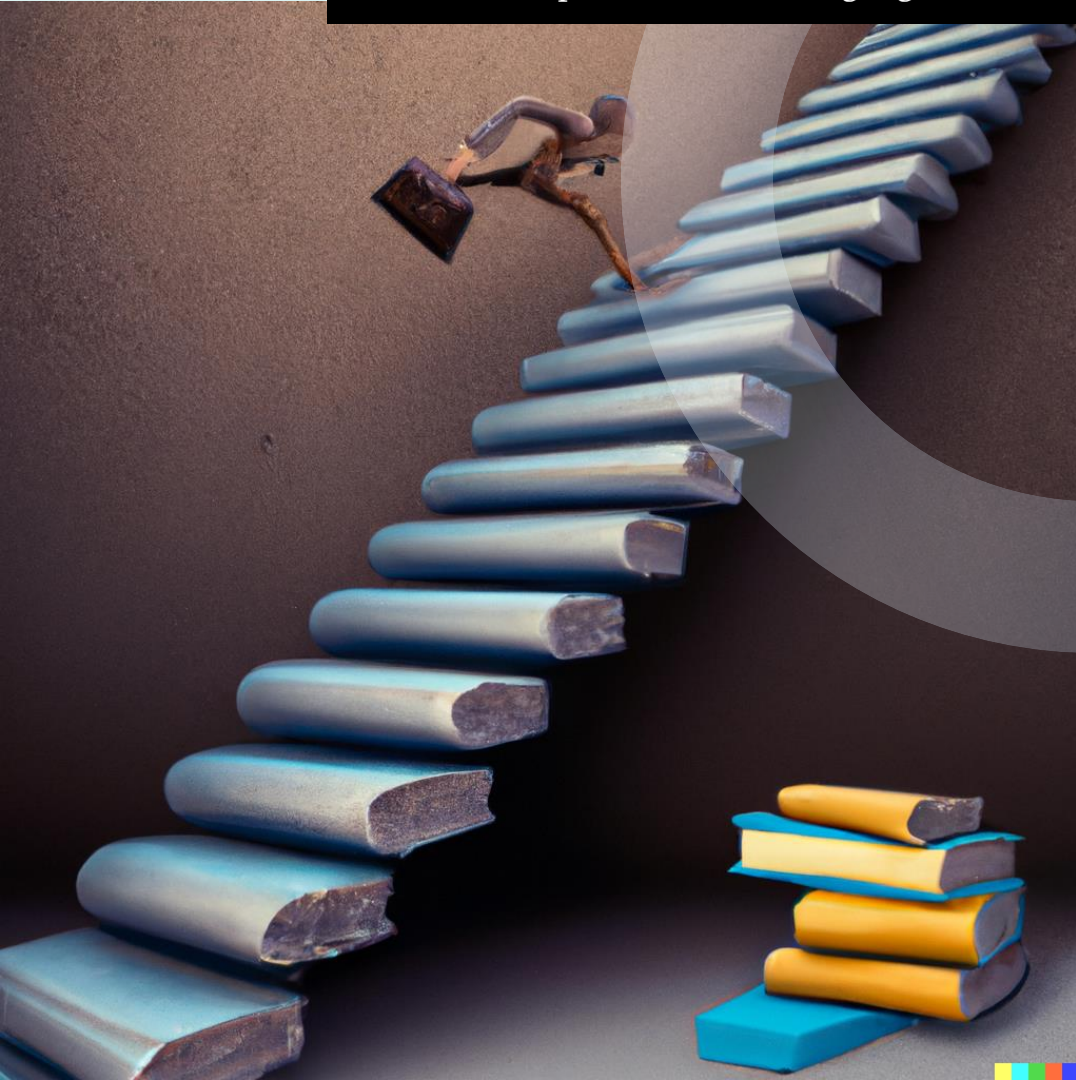
DALL·E 2 is a new AI system that can create realistic images and art from a description in natural language.



DALL·E My collection

Edit the detailed description

Books running up stairs Dali style



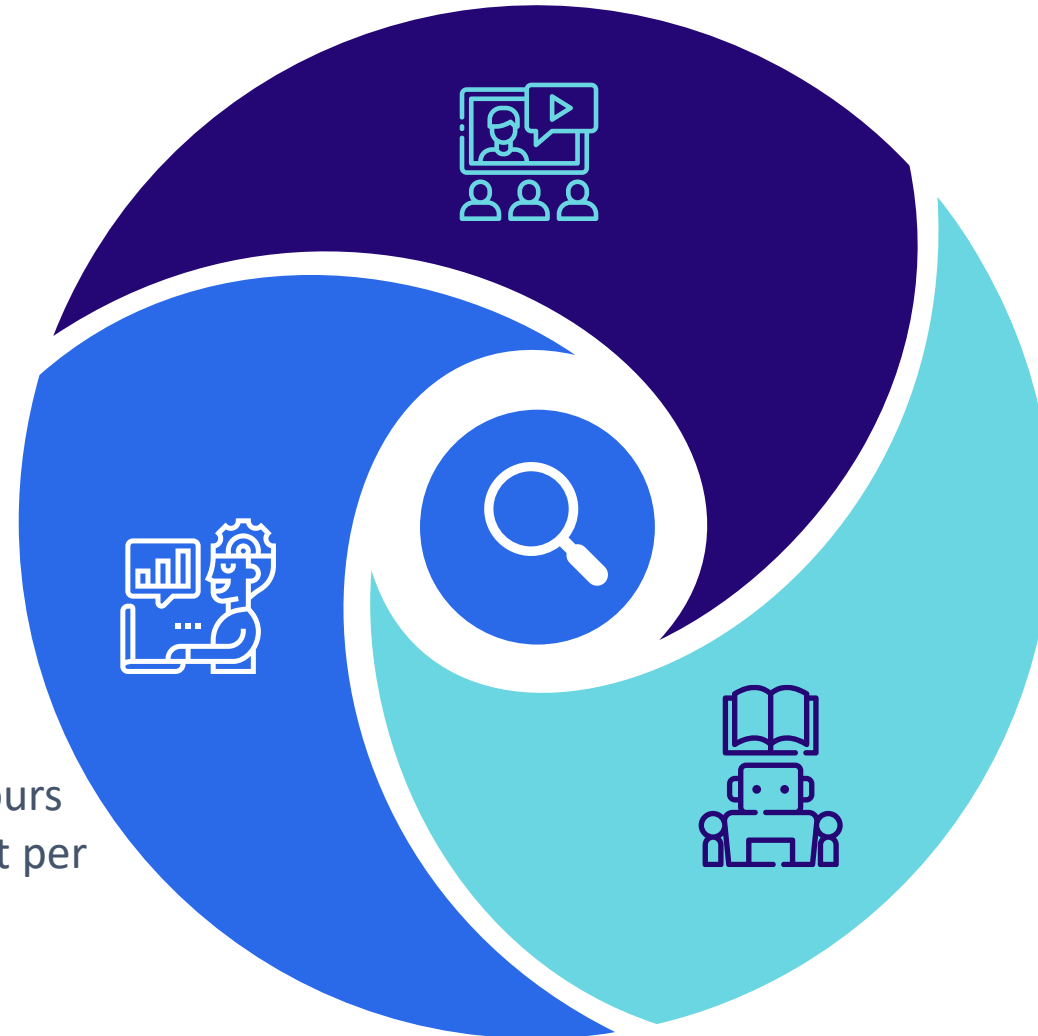
I get information all the time, from everywhere....  
How do I synthesize it?



# Create knowledge out of information

## World

- 1.8M articles every year
- YouTube - 720,000 hours of fresh video content per day



## Higher Education

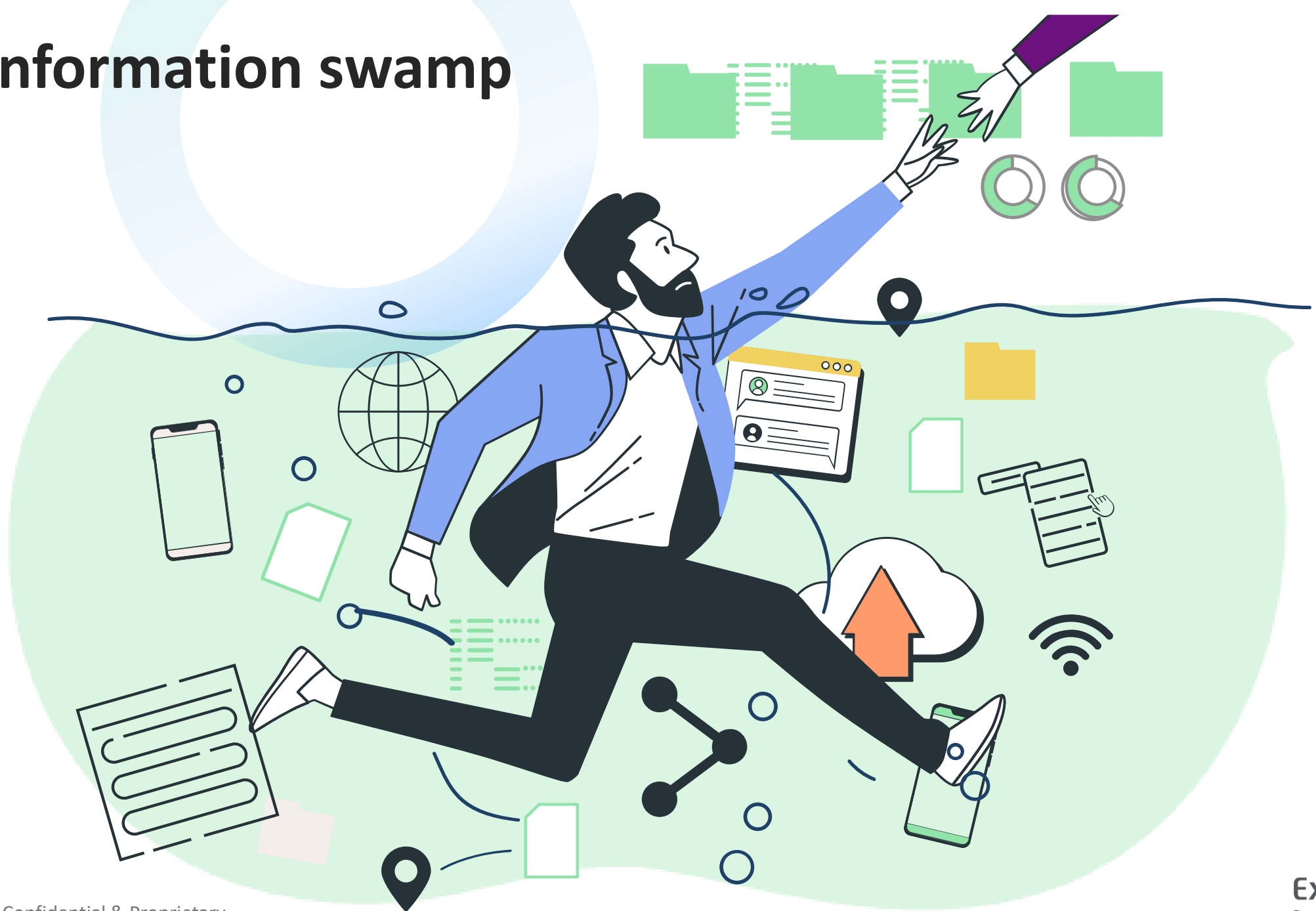
- Teach to how learn & make sense
- Practices to determine quality of materials

## Ex Libris Going Forward

- Library's support of the learning process
- Library present as part of the course environment



# The information swamp





# The information swamp: closed information loops. Can we break them?

## World

- Same advertisements
- Same websites
- Same type of data



## Higher Education

- Discovery based on popularity
- Publication citations loop
- Personalization

## Ex Libris Going Forward

- Mixed result algorithms
- Surfacing informal information
- Smart AI
- DEI

# Getting out from the information swamp



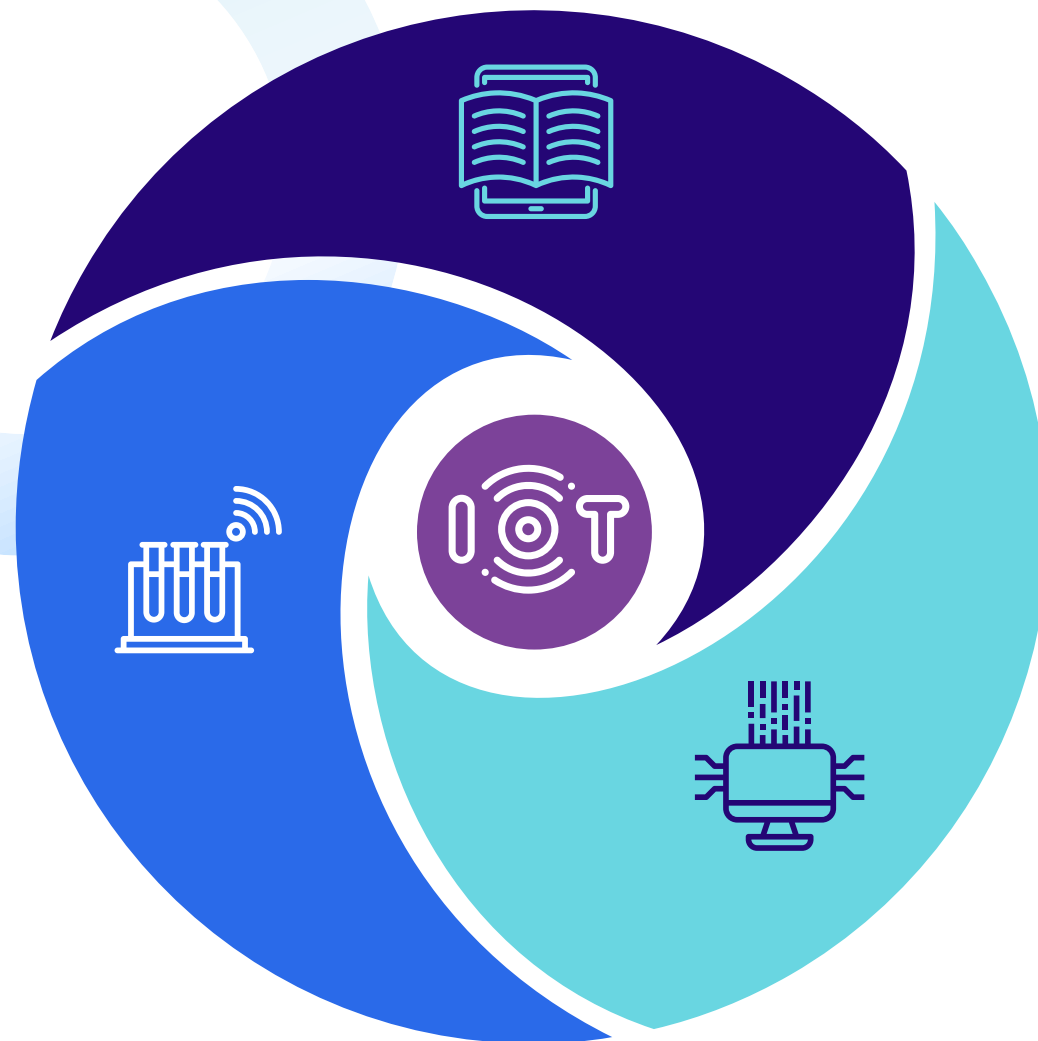


# Internet of Things (RISE OF THE MACHINES 2?)

# IOT – Do we lose control?

## IoT in the world

- Smart Home
- Self-Driving Car
- Health Monitoring



## IoT in Higher Education

- Smart Classes (Smart Boards)
- Automated attendance
- Accessibility assistance

## Ex Libris Going Forward

- Student cards - Self-Checkout
- Attendance capture

# IOT



# Thank you!

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