



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

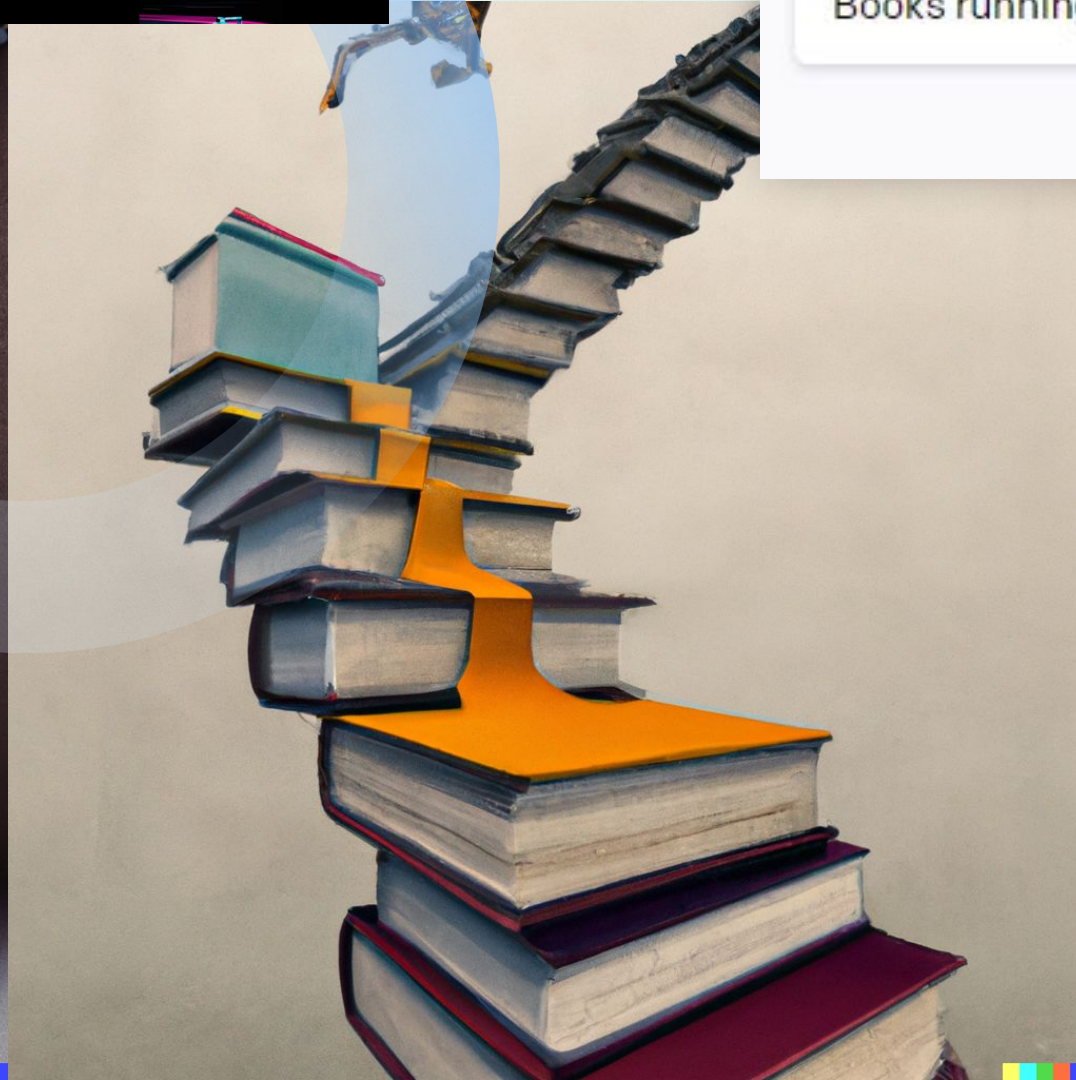
DALL·E 2 is a new AI system that can create realistic images and art from a description in natural language.



DALL·E My collection

Edit the detailed description

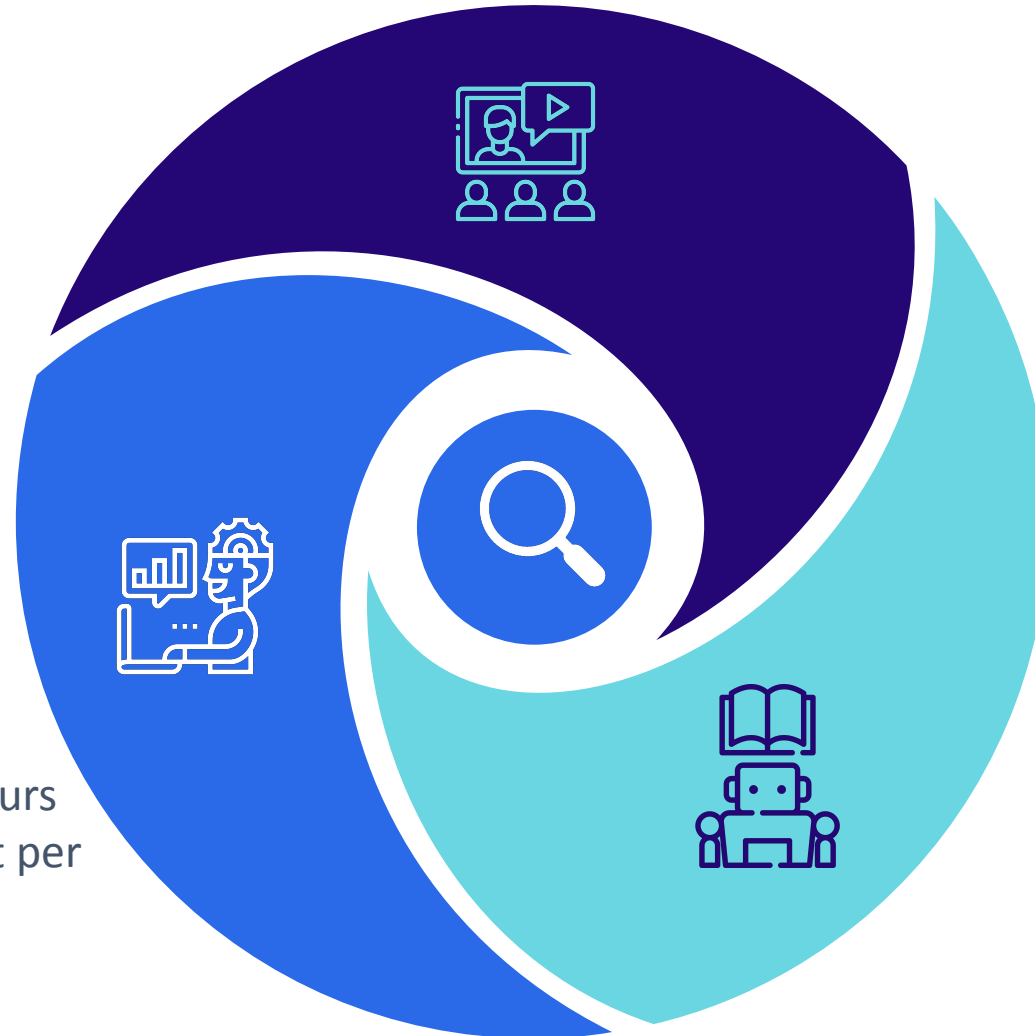
Books running up stairs Dali style



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

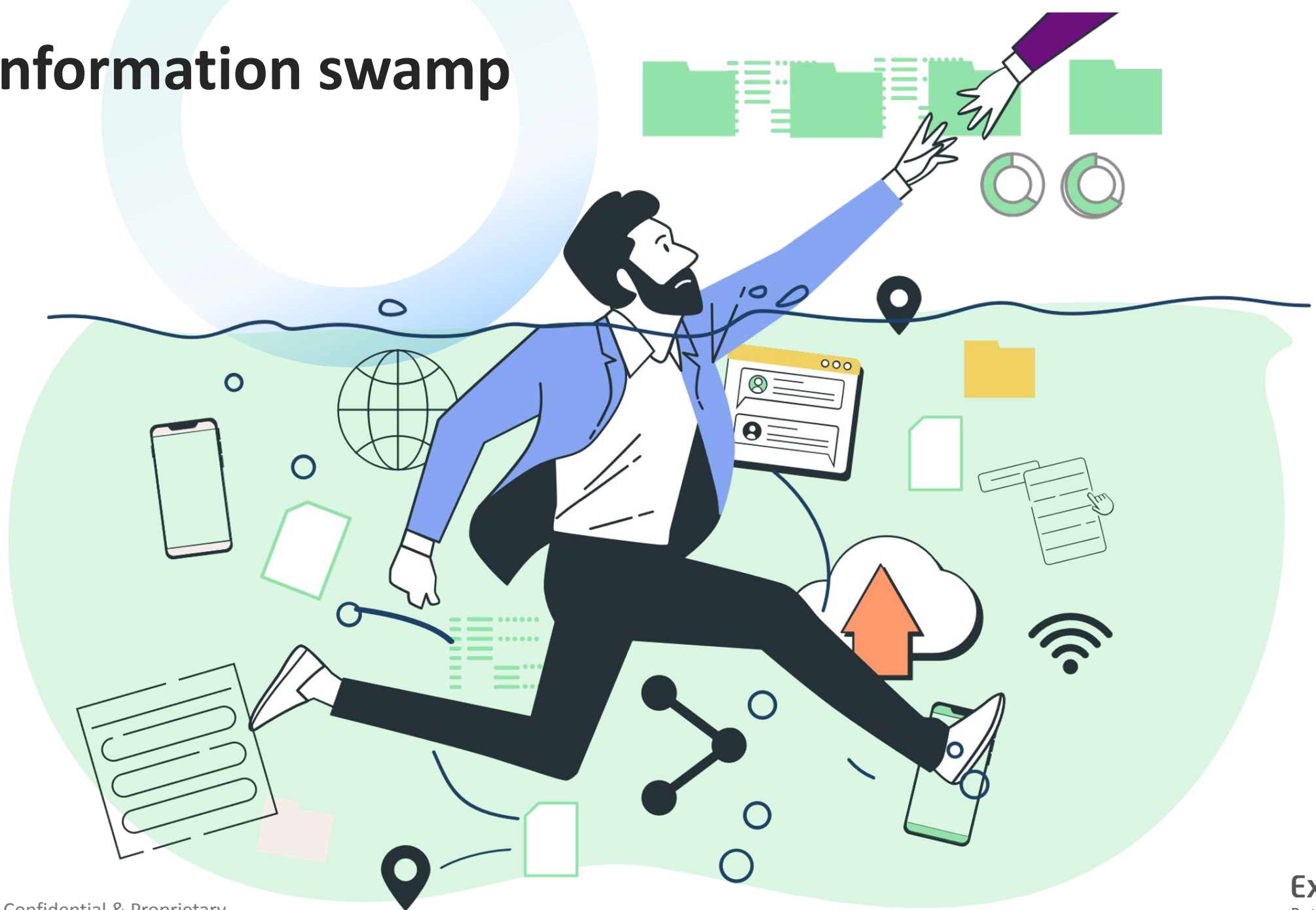
- Teach to how learn & make sense
- Practices to determine quality of materials

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



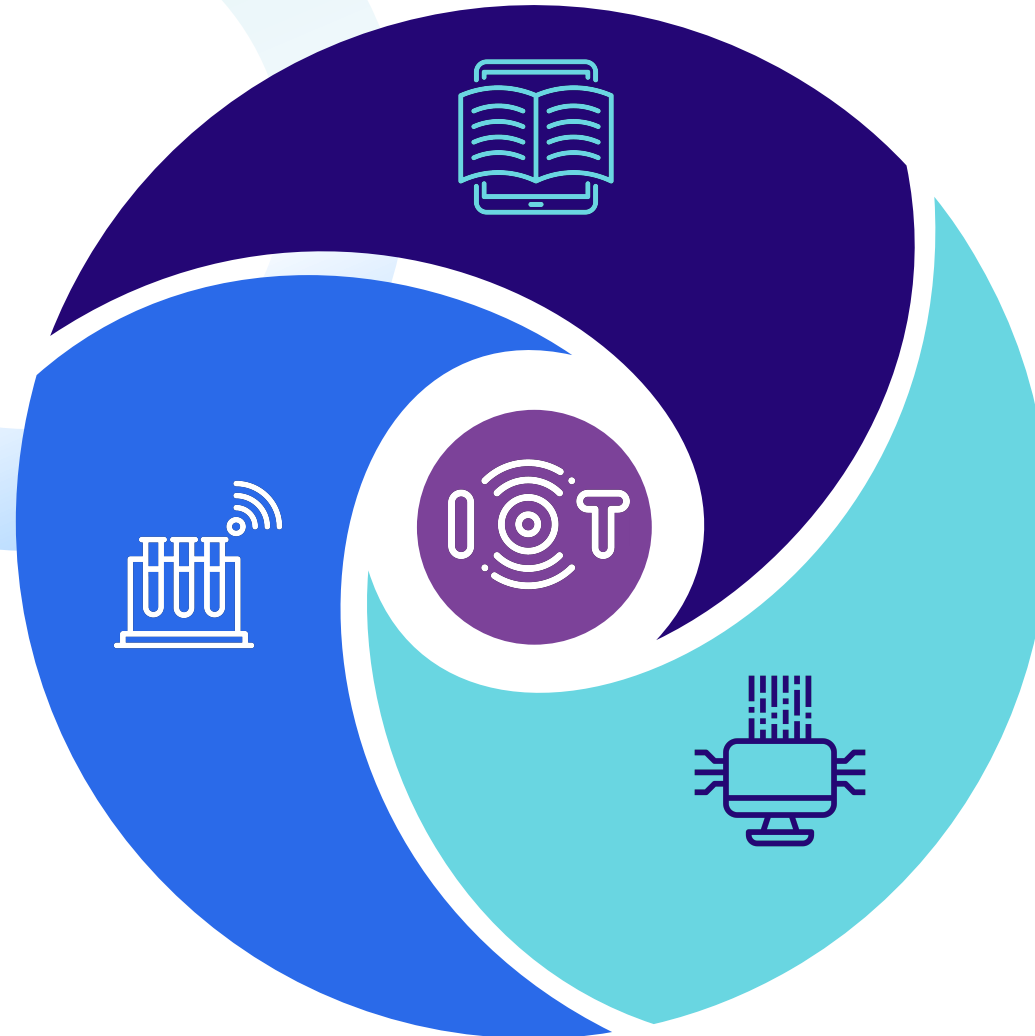


Internet of Things (RISE OF THE MACHINES 2?)

IOT – Do we lose control?

IoT in the world

- Smart Home
- Self-Driving Car
- Health Monitoring



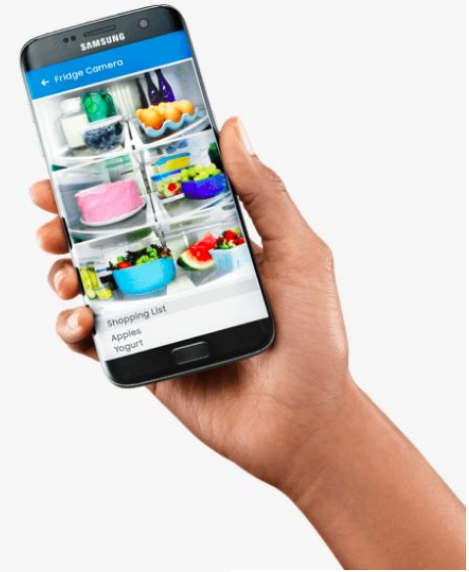
IoT in Higher Education

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

Ex Libris Going Forward

- Student cards - Self-Checkout
- Attendance capture

IOT



Thank you!

