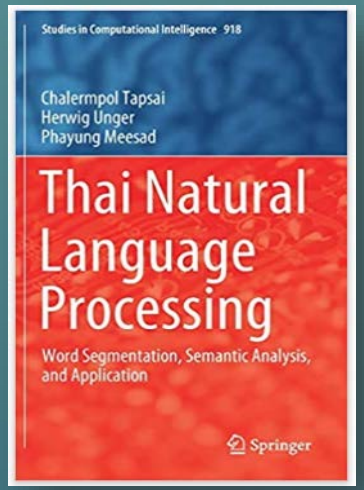
Digital Technology
เทคโนโลยีดิจิทัล

Chalermpol Tapsai

College of Innovation and Management
Suan Sunandha Rajabhat University

- Dr.-Ing Computer Engineering :
  Fern University, Germany.
- Ph.D. Information Technology :
  KMUTNB, Thailand.

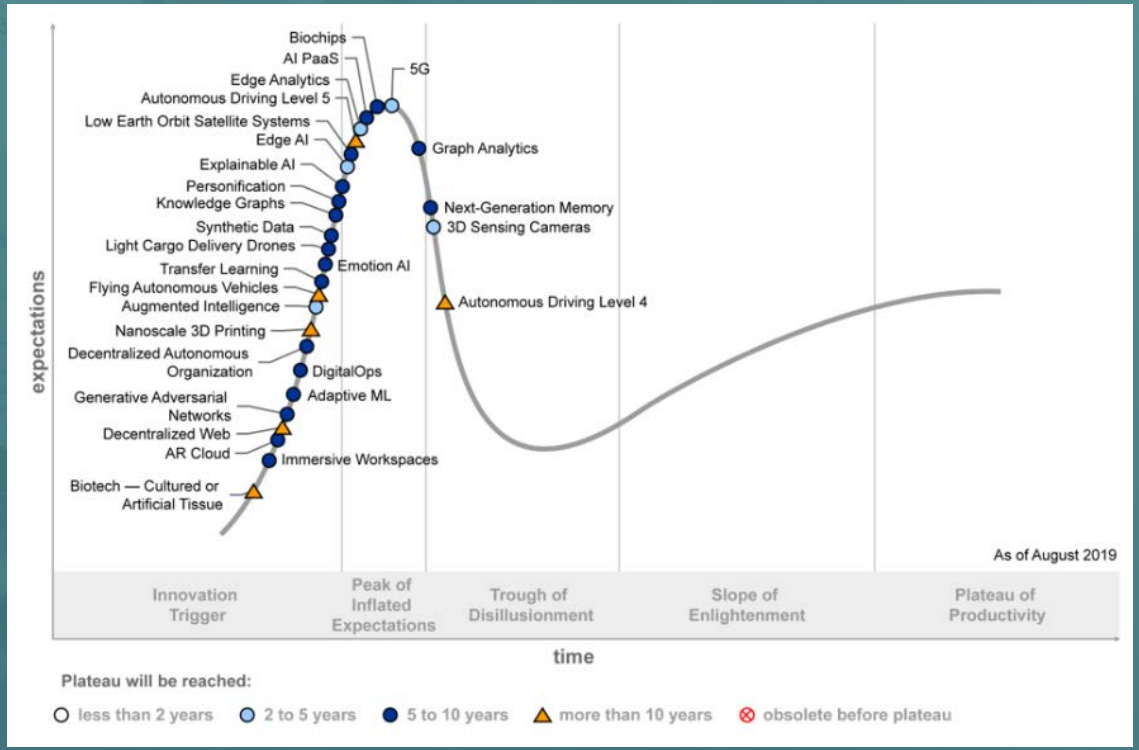


E–Mail: chalermpol.ta@ssru.ac.th
Website: **http://www.elcim.ssru.ac.th/chalermpol_ta/**

Digital Technology

Technology Trends

Technology Trends (2019)



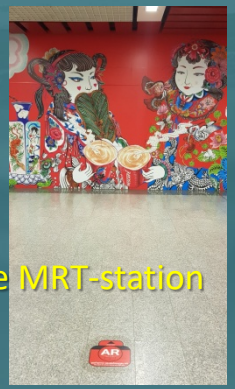
Source: Gartner (August 2019)

Five Emerging Technology Trends (2019)

- Sensing & Mobility
- Augmented Human
- Postclassical Compute and Comms
- Digital Ecosystems
- Advanced AI & Analytics

Sensing & Mobility

- Autonomous vehicle
  - UAV(Unmanned Aerial Vehicle)
  - Autonomous car
- AR cloud ⇨Recall



Dragon temple MRT-station

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Augmented Human

- augmented intelligence
- emotion AI

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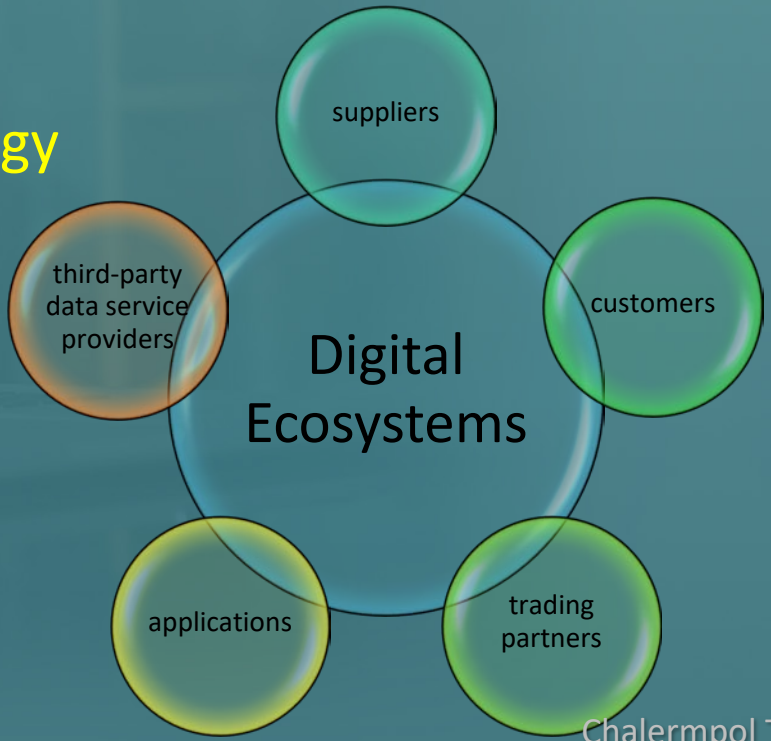
Postclassical Compute and Comms

- 5G
- next-generation memory
- LEO systems
- Nano-scale 3D printing

Digital Ecosystems

a group of interconnected information technology resources that can function as a unit



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Advanced AI and Analytics

- autonomous system
- Robot
- remote monitoring
- natural language processing [NLP]
- facial recognition
- video analytics
- machine learning (ML)
- deep learning (DL)

Future technology applications

Autonomous system

MQ-9 Reaper UAV
https://www.youtube.com/watch?v=EizQ4y39B1A

Tesla https://www.youtube.com/watch?v=ZALG3F7D5qU

Tesla-Thai https://www.youtube.com/watch?v=TmfpJbVSP-0

BMW https://www.youtube.com/watch?v=-_f_t3bw-Z8

Future technology applications

The Cashier-less Amazon Go Store

https://www.youtube.com/watch?v=vorkmWa7He8

BingoBox are opening 5000 Stores in China Next Year

https://www.youtube.com/watch?v=07J_gxNqM6w

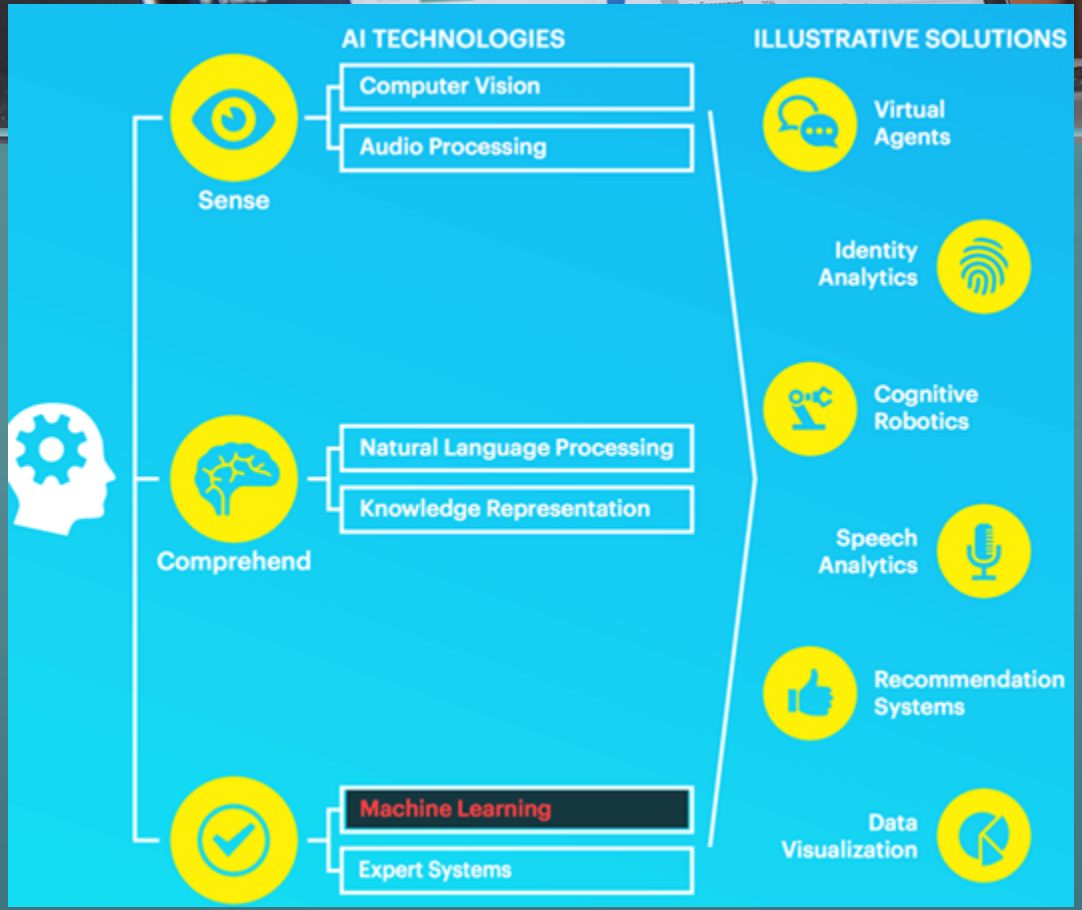
Future technology applications

Alibaba drone delivery

Robotic Kitchen Cooks Food
in 3 Minutes Or Less

https://www.youtube.com/watch?v=OUJe0Wmfo5g

Future technology applications



AI

(Artificial Intelligence)

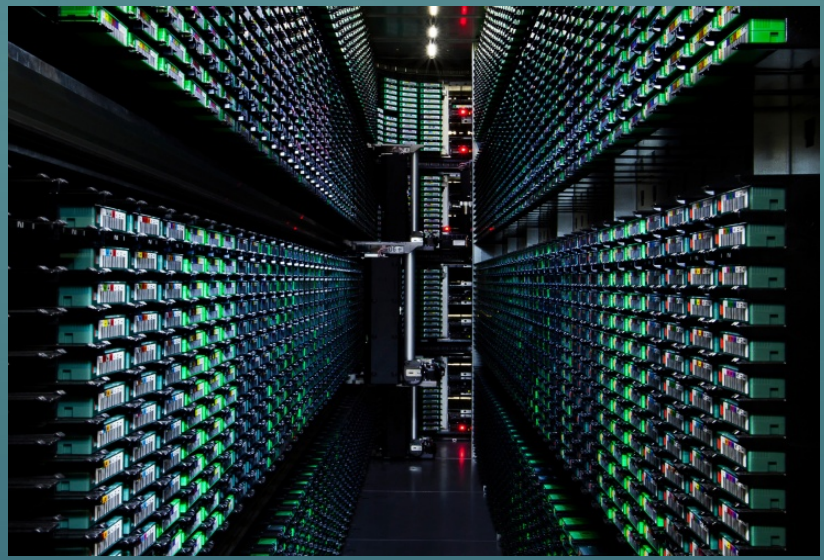
Future technology applications

CLOUD STORAGE FOR BEGINNGERS

OneDrive	iCloud	Google Drive	Dropbox
5 GB	5 GB	15 GB	2 GB

Future technology applications

[Top 8 Biggest Data Centers in the World 2021](6.30)



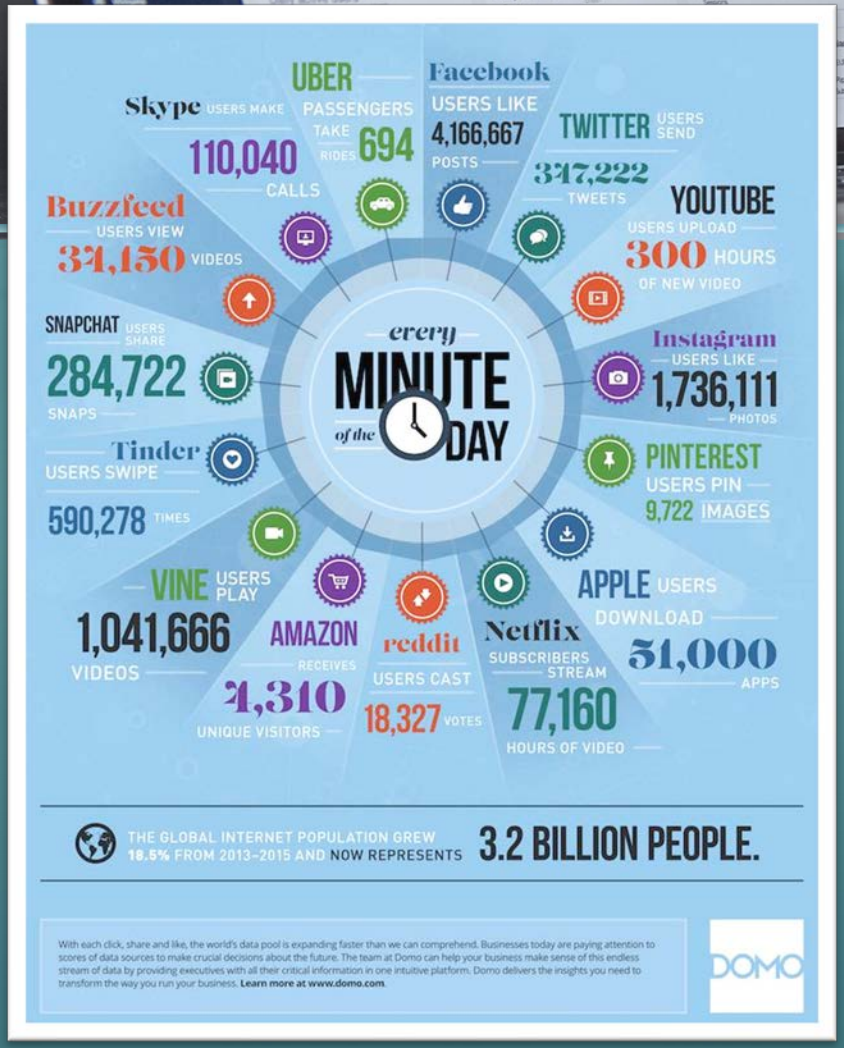
Future technology applications

- **VOLUME**
- **VARIETY**
- **VELOCITY**

+

- **Variability**
- **Veracity**
- **Complexity**

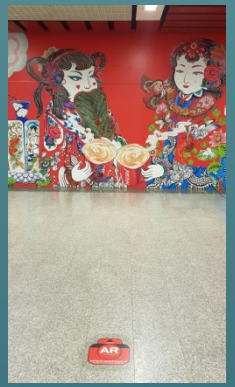
Future technology applications



Future technology applications

VR (**Virtual Reality**)

Google maps + street view



AR (Augmented reality)

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Future technology applications

Crowd Funding

https://www.youtube.com/watch?v=Vqvomrib6x0

ICO (Initial Coin Offering)

https://www.youtube.com/watch?v=A6YlfTFKTGU

What will be in the future

?