



Digital Technology

เทคโนโลยีดิจิทัล

Chalermpol Tapsai

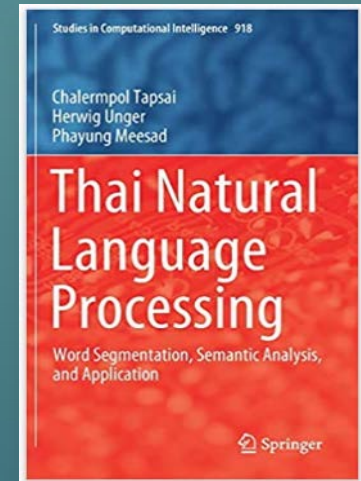
College of Innovation and Management
Suan Sunandha Rajabhat University



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

E-Mail: chalerm.pol.ta@ssru.ac.th

Website: http://www.elcim.ssru.ac.th/chalerm.pol_ta/

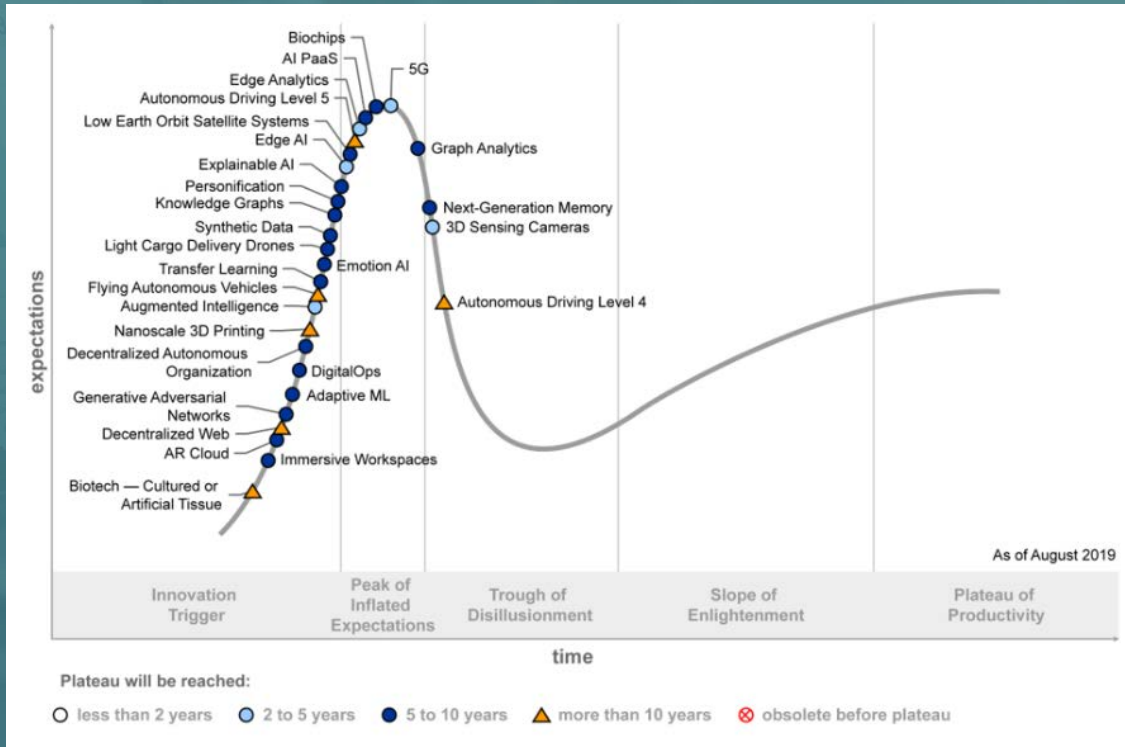


Digital Technology

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 \Rightarrow Recall



Dragon temple MRT-station

Augmented Human

- augmented intelligence
- emotion AI



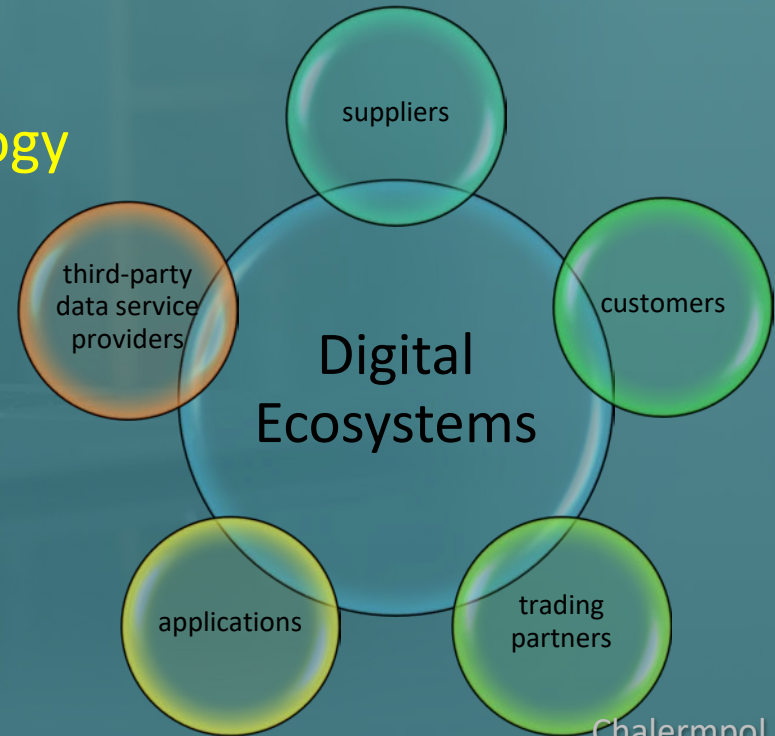
Postclassical Compute and Comms

- 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



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

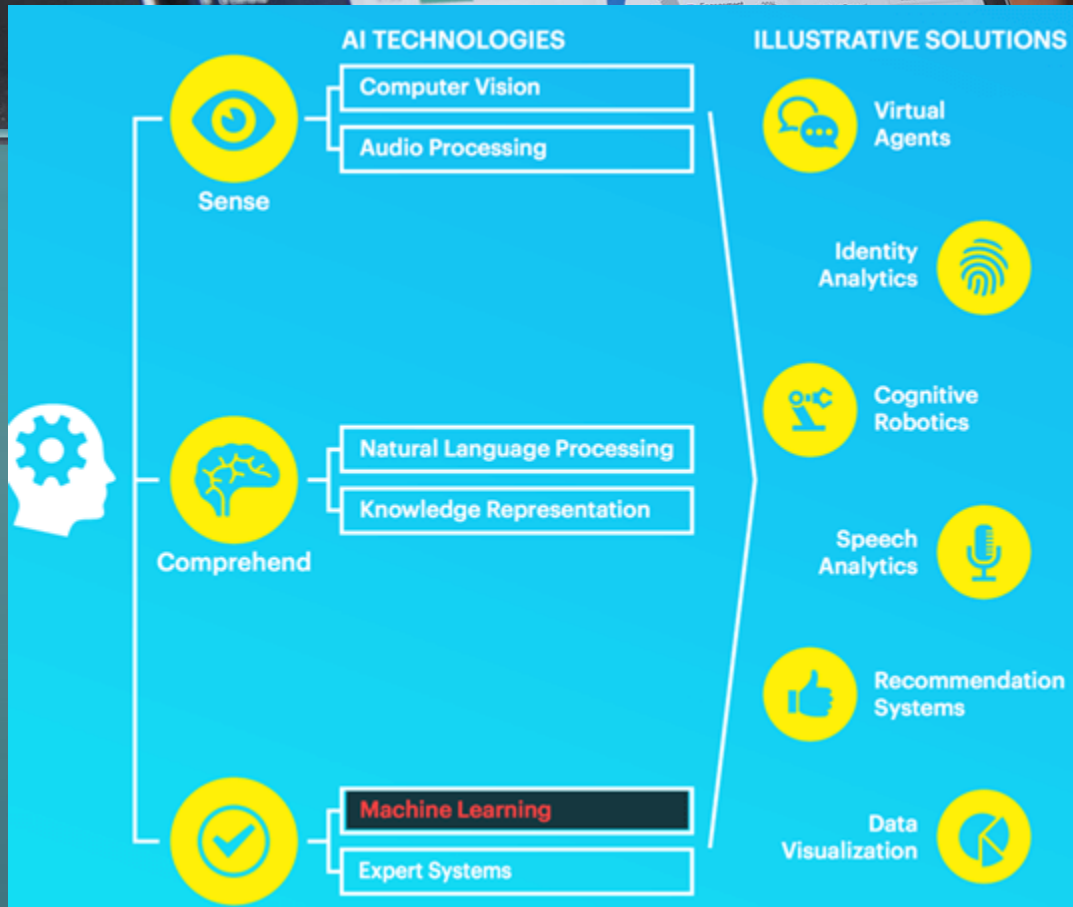


Alibaba drone delivery

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 BEGINNERS


OneDrive
5 GB


iCloud
5 GB


Google Drive
15GB

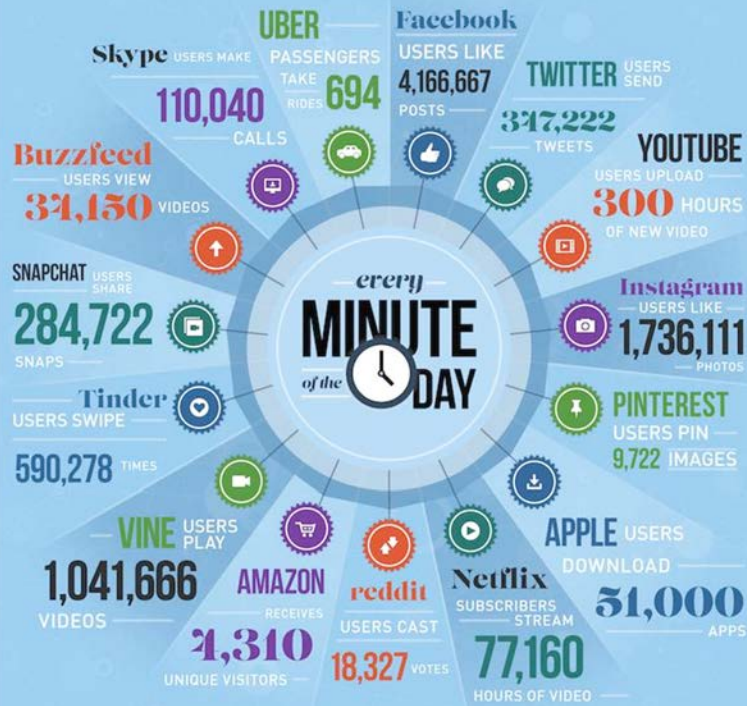

Dropbox
2 GB



Future technology applications

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





THE GLOBAL INTERNET POPULATION GREW 18.6% FROM 2013-2015 AND NOW REPRESENTS

3.2 BILLION PEOPLE.

With each click, share and like, the world's data pool is expanding faster than we can comprehend. Businesses today are paying attention to scores of data sources to make crucial decisions about the future. The team at Domo can help your business make sense of this endless stream of data by providing executives with all their critical information in one intuitive platform. Domo delivers the insights you need to transform the way you run your business. [Learn more at www.domo.com](http://www.domo.com)



Future technology applications



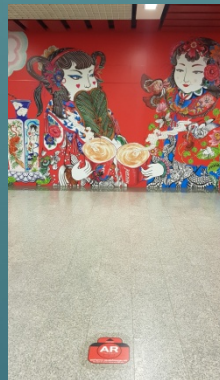
Future technology applications



VR (Virtual Reality)

Google maps + street view

AR (Augmented reality)





Future technology applications

Crowd Funding

<https://www.youtube.com/watch?v=Vqvo mrib6x0>

ICO (Initial Coin Offering)

<https://www.youtube.com/watch?v=A6YIfTFKTGU>

Crowdfunding
แหล่งเงินทุนเพื่อธุรกิจ
ในยุคมีตลาดเงิน

Moneywecap

สินเชื่อ สำหรับ SME, กู้เงิน หรือ ฝากเงิน ทุนเวียน เพื่อทำธุรกิจ
บริการกู้ยืมเงินแบบ P2P (PEER-TO-PEER)

What will be in the future

