

# AI on Cloud



Microsoft



**AIT**

Asian Institute of Technology

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# AI on Cloud

Chapter

3

คอมพิวเตอร์วิทัศน์  
(Computer Vision)




## 3.4 การรู้จำอักขระด้วยแสง (Optical Character Recognition)







# Azure ML

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## Computer Vision

An AI service that analyzes content in images and video

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### Extract rich information from images and video

Boost content discoverability, automate text extraction, analyze video in real time, and create products that more people can use by embedding cloud vision capabilities in your apps with Computer Vision, part of Azure Cognitive Services. Use visual data processing to label content with objects and concepts, extract text, generate image descriptions, moderate content, and understand people's movement in physical spaces. No machine learning expertise is required.

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#### Text extraction (OCR)

Extract printed and handwritten text from images and documents with mixed languages and writing styles.



#### Image understanding

Pull from a rich ontology of more than 10,000 concepts and objects to generate value from your visual assets.



#### Spatial analysis

Analyze how people move in a space in real time for occupancy count, social distancing and face mask detection.



#### Flexible deployment

Run Computer Vision in the cloud or on the edge, in containers.

**Thank you**