

AI on Cloud



Microsoft



AIT

Asian Institute of Technology

SCB ACADEMY

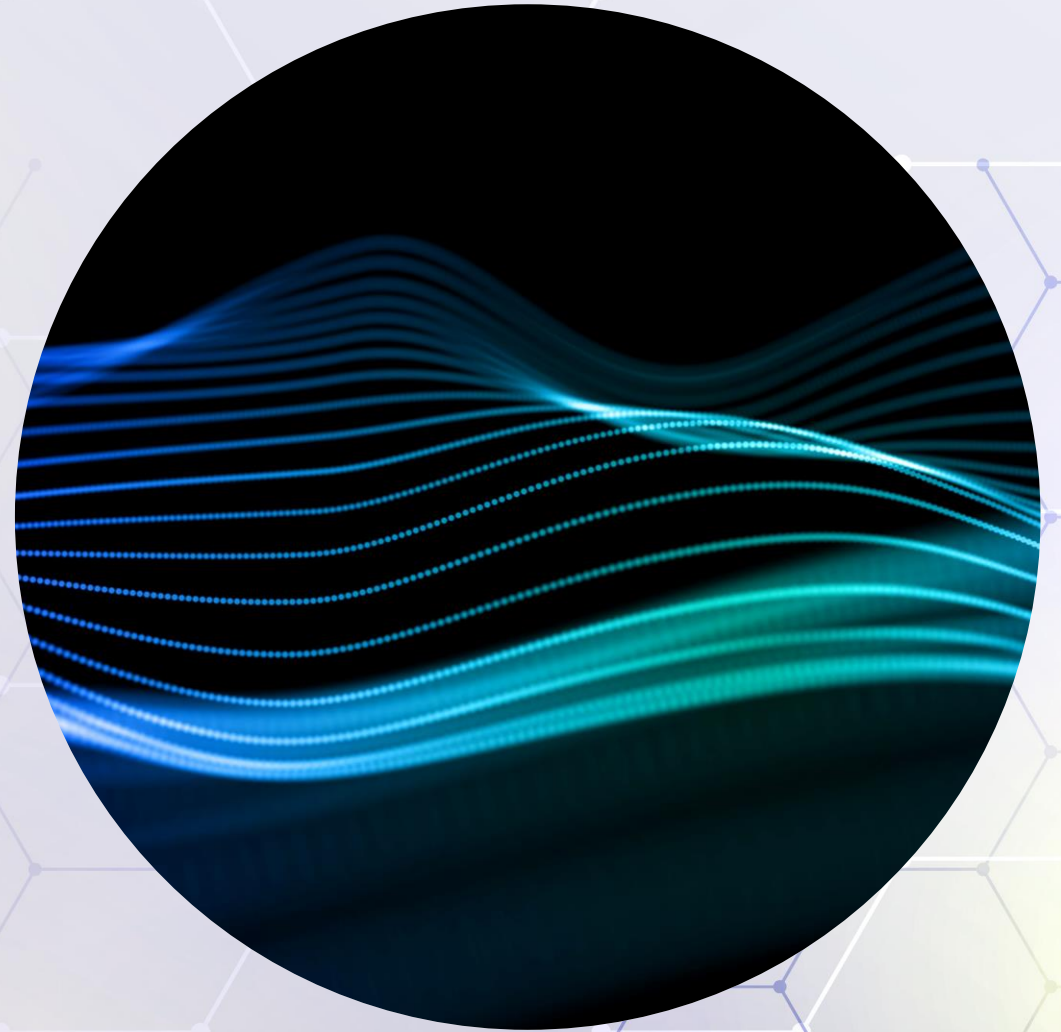


AI on Cloud

Chapter

4

การประมวลผล
ภาษาธรรมชาติ
(Natural Language
Processing (NLP))



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4.5 การสรุปข้อความ (Text Summarization)

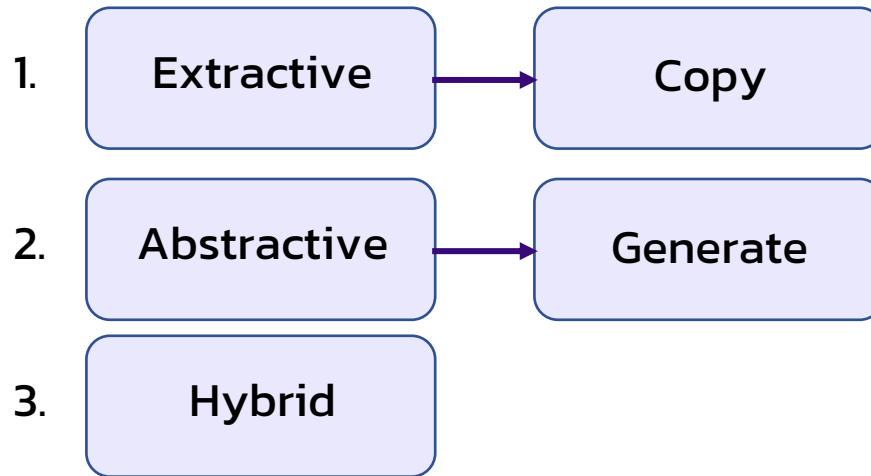


การสรุปข้อความ (Text Summarization)

ตัวอย่าง:



แนวคิด:



input

News

label

1. Headlines
2. Summary
3. 1st paragraph
4. Last paragraph

"Recurrent Neural Network"

Metrics



*Human
Judgement*

Azure ML

[Product overview](#) [Features](#) [Demo](#) [Security](#) [Pricing](#) [Documentations](#) [Customer stories](#) [FAQ](#)

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Entity Extraction

Identify important concepts

Identify entities and their relationships within documents. Assign labels such as dates, personally identifiable information, or your domain-specific terms.

[Learn more about extracting entities >](#)



Sentiment Analysis

Better understand customer perception

Analyze positive and negative sentiment in social media, customer reviews, and other sources to get a pulse on your brand.

[Learn more about sentiment analysis >](#)



Text Summarization

Comprehend information faster

Automatically generate summaries of documents or conversation transcripts to help you more quickly understand information from internal documents, customer service calls, product reviews, emails, and more.

[Learn more about summarization >](#)



Automate workflows

Classify documents using your domain-specific labels to improve decision making.

[Learn more about custom text classification >](#)



Entity Extraction

Process medical text

Process unstructured medical data to improve patient care.

[Learn more about text analytics for health >](#)



Chatbot

Converse with customers

Enable a conversational interface for users to interact with your applications, bots, and Internet of Things (IoT) devices using natural language.

[Learn more about conversational language understanding >](#)

[Learn more about question answering >](#)

Thank you