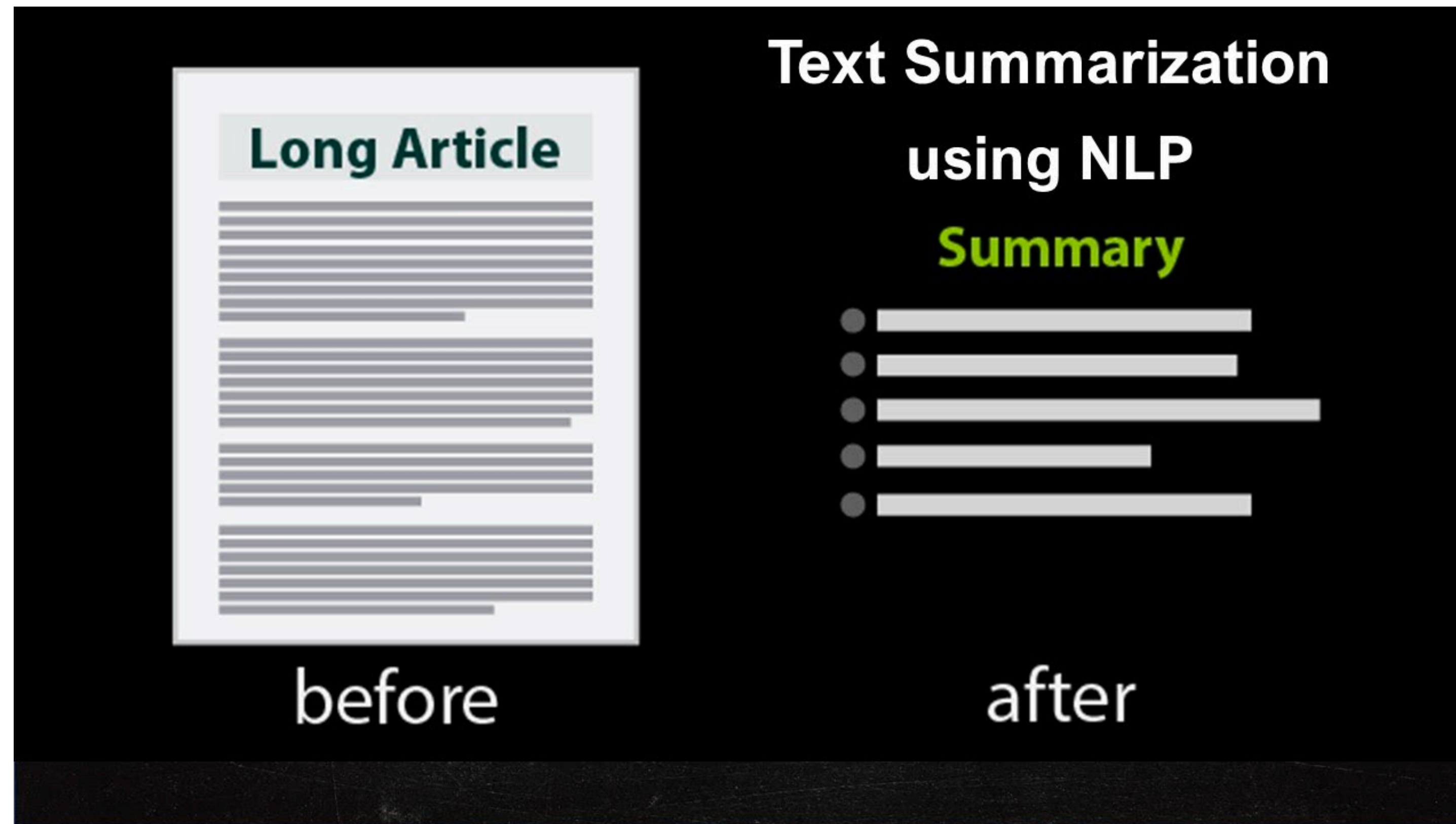# Abstractive Text Summarization

TADA - Week 13

Hyungjin Kim

Text Summarization Approaches

Extractive vs. Abstractive

Text Summarization Approaches

Extractive vs. Abstractive

Extractive

contain exact sentences
from the original text

Abstractive

interpret the context
and reproduce in a new way

Abstractive Text Summarization

Implementation

Using transformer

Pre-trained model - no additional training is needed

e.g. GPT, BERT, T$_5$ ...

Abstractive Text Summarization

Evaluation Metrics?

Human judgement

Informativeness   Readability   Non-redundancy

References

- https://www.machinelearningplus.com/nlp/text-summarization-approaches-nlp-example/
  #:~:text=Text%20summarization%20methods%20can%20be,add%20them%20to%20the%20summary.

- Elena. L, Laura. P, Ahmet. A, *The Challenging Task of Summary Evaluation: An overview,* Language Resources & Evaluation, 2017

Thank You