

Prompt Engineering

LLM 2024 course, UW, Seattle

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ChatGPT use cases for NLP

Prompt Engineering for information retrieval

Data Augmentation

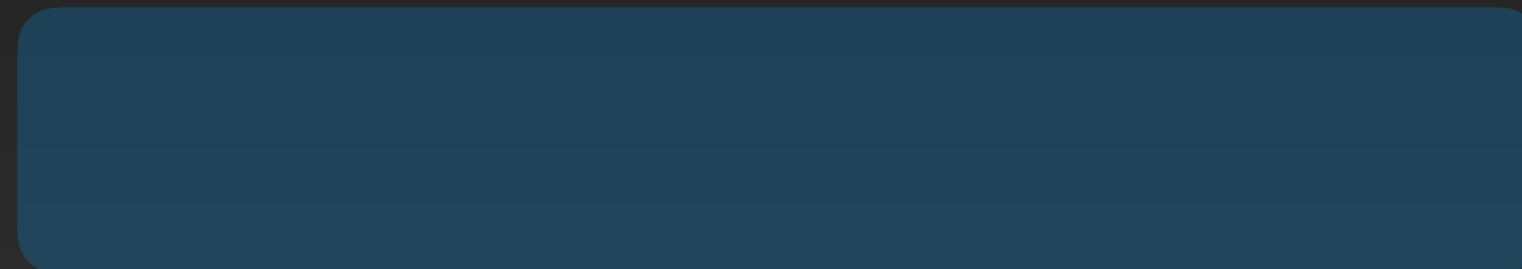
Transfer Learning to smaller models

ChatGPT use cases for NLP

**Prompt Engineering for information
retrieval**

Data Augmentation

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More use cases!

ChatGPT use cases for NLP

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Data Augmentation

Transfer Learning to smaller models

Open AI embeddings for Semantic Search

Today's Focus

**Prompt Engineering for information
retrieval**

Data Augmentation

**Transfer Learning to smaller
models**

Key word Extraction

Prompt Engineering - Notebook Demo

Let's go take a look!

Pointers for effective prompt engineering

Clarity in Instructions, Goals

Providing context

Specificity/Conciseness

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Example from the notebook

The key word doesn't have to be present in the text. Also the key word shouldn't have a space in it.

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Example from the notebook

One question should be something a **five year old** would ask. Another second should be something a **mature adult** would ask.

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Example from the notebook

Generate 3 distinct key words that capture the most important topics in the text.

Pointers for effective prompt engineering

References

<https://arxiv.org/abs/2401.14423>