Deep Dive
Module 6

Deep Dive

LLM Pre-training and Fine-Tuning

- Empowering Language Models: Pre-training, Fine-Tuning, and In-Context Learning
  https://medium.com/@bijit211987/the-evolution-of-language-models-pre-training-fine-tuning-and-in-context-learning-b63d4c161e49

- Fine-Tuning for Domain Adaptation in NLP
  https://towardsdatascience.com/fine-tuning-for-domain-adaptation-in-nlp-c47def356fd6

- A Comprehensive Guide to Fine-Tuning Large Language Models
  https://www.analyticsvidhya.com/blog/2023/08/fine-tuning-large-language-models/

- Pre-trained Language Models and their Applications
  https://www.sciencedirect.com/science/article/pii/S2095809922006324

Deep Dive

Transformers

- Transformer Neural Networks, ChatGPT's foundation
  https://youtu.be/zxQyTK8quyY?si=NaoFOT35R3rIJ0fL

- Large Language Models (LLM): Difference between GPT-3 & BERT
  https://medium.com/bright-ml/nlp-deep-learning-models-difference-between-bert-gpt-3-f273e67597d7

- What's the difference between Self-Attention and Attention in Transformer Architecture?
  https://medium.com/mlearning-ai/whats-the-difference-between-self-attention-and-attention-in-transformer-architecture-3780404382f3

- How to use the Hugging Face Transformers Library
  https://www.youtube.com/watch?v=zydauf0KrEc

شكراً لكم

Thank you

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