

Introduction and Course Summary

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Course Summary



Introduction to Finetuning Large language Models (LLMs)

What is Finetuning?

Why Finetuning?

Prompting Engineering vs Finetuning?

Advantages of Finetuning

What is Instruction Finetuning?



Instruction Finetuning in Practice

Training data generation and preprocessing

Model training process

Evaluation

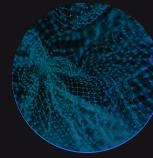


Prompt Learning PEFT Techniques

Prompt Tuning

Prefix Tuning

Adaptation Prompt



Popular PEFT methods in Practice

Low-Rank Adaptation (LoRA) and QLoRA methods

IA³ and Adapter methods



Parameter-Efficient Finetuning (PEFT)

Why PEFT?

What are PEFT techniques?

Different types of PEFT techniques