Mindluster Platform

About the course Large language models techniques

Large language models techniques course, in this course we will learn about Large Language Models (LLMs) techniques, focusing on the advanced methods and strategies used to develop, train, and optimize these powerful AI models. Large Language Models, such as GPT-3 and BERT, have revolutionized natural language processing by enabling machines to understand and generate human-like text. We will start by exploring the foundational concepts of LLMs, including their architecture and the role of neural networks, particularly the Transformer model. You will learn about the training processes, such as supervised learning, unsupervised learning, and transfer learning, as well as the importance of large datasets and computational power. We will delve into techniques for fine-tuning LLMs to specific tasks, such as text generation, sentiment analysis, and machine translation. Additionally, we will cover methods for evaluating and improving model performance, including metrics for accuracy, precision, and recall. Practical examples and hands-on exercises will guide you through real-world applications, such as developing chatbots, automated content creation, and intelligent data analysis tools. By the end of this course, you will be proficient in the techniques required to leverage Large Language Models effectively, enhancing your ability to create sophisticated AI-driven solutions. Join us to master Large Language Models techniques and advance your AI expertise.

Artificial Intelligence Category's Courses

Course Lesson(20)

Lesson 1 : **1 What is LLM LLM Types LLM Benefits LLM Challenges**

Lesson 2 : **LLM AI Based HR Portal Hiring Solution**

Lesson 3 : **2 Prompts in LLMs Types of Prompting Zero Shot Few Shot CoT Zero Shot CoT**

Lesson 4 : **Session 3 Prompt Guidelines Iterative Prompting**

Lesson 5 : **LLM à®Žà®©à¯à®±à®¾à®²à¯ à®Žà®©à¯à®©**

Lesson 6 : **Prompts Tasks for which prompts can be used A quick discussion**

Lesson 7 : **Prompt Injections â€“ Jail Breaking A Quick Discussion**

Lesson 8 : **C R E A T E for Prompt Engineering**

Lesson 9 : **Must Know terms with ChatGPT**

Lesson 10 : **GenAI Interview Questions Part 1**

Lesson 11 : **GenAI Interview Questions Part 2**

Lesson 12 : **What is Retrieval Augmented Generation RAG Benefits Walk through Demo Guidelines**

Lesson 13 : **Open ended vs Closed prompts**

Lesson 14 : **Text Prompts vs Code Prompts A quick understanding**

Lesson 15 : **GPT and BERT Architecture Examples Comparison**

Lesson 16 :
What is NPU Neural Processing Unit Running OpenVINO with NPU Step by Step guidelines

Lesson 17 : **OpenVINO Installation Tutorial Launch Procedure PIP with the AI PC Intel Core Ultra 5**

Lesson 18 : **What is an AI PC**

Lesson 19 : **Why do we need AI PC**

Lesson 20 : **GenAI workflow The complete discussion**

Related courses

ChatGPT for Developers

Machine Learning Roadmap for beginners

AI Basics

ChatGPT Content For Beginners

Machine Learning Model Deployment

Chat GPT

for Business Contact
business@mindluster.com