

Introduction to Prompt Engineering

Course Description

Course Duration

2 Hours

Overview

The Introduction to Prompt Engineering course primarily focuses on techniques for developing prompts to effectively utilize Large Language Models (LLMs) across diverse applications. This introductory course covers a broad spectrum of skills and methodologies essential for interacting with LLMs. It provides both theoretical insights and practical applications, equipping participants with the expertise to design well-structured and effective prompts. Additionally, the course emphasizes the best practices in prompting and methods for prompt documentation with considerations to legal, privacy and ethical framework.

Audience

For anyone seeking an introduction to prompt engineering – business users, IT professionals, internals, externals, and customers.

Prerequisite Knowledge/Skills

A general awareness of commonly available AI-based chat tools like Copilot or ChatGPT, etc.

Course Objectives

Upon successful completion of this course, participants should be able to:

- Explain the fundamental concepts of Natural Language Processing (NLP) and Large Language Models (LLMs) in the context of prompt engineering.
- Discuss techniques for stakeholder requirement gathering to define desired outcomes from prompts.
- Describe basic prompt structures and formatting.
- Discuss prompt engineering techniques to optimize AI-generated outputs.
- Identify ethical and legal considerations and integrate them as constraints in prompt development.
- Explain the importance of effective communication and collaboration in prompt engineering.

Introduction to Prompt Engineering

Course Description

Course Duration

2 Hours

Course Outline

The content of this course is designed to support the course objectives. Practical experience is included throughout the course.

- Fundamentals of AI and NLP for prompt engineering
 - The Foundation of Prompts - Natural Language Processing
 - Introduction to AI architecture
 - Prompts: Unlocking the AI potential
- Requirements gathering for prompt design
 - Requirements gathering
- Introduction to prompt design
 - Introduction to prompt structure and formatting
 - Mastering the art of prompting
 - Prompt engineering techniques
 - Professional practices for prompt engineers
- Ethics and compliance considerations in prompt engineering
 - Legal and ethical compliance in prompts
- Effective communication and collaboration for prompt engineering
 - Prompt template documentation
 - Prompt documentation format and tools
 - Communication and collaboration in prompt engineering

DELL Technologies

1 Dell Way
Round Rock Texas 78682

In addition to lectures and demonstrations, this course includes hands-on exercises designed to allow practical experience for the participant.

Course Delivery Modes and Product Version Information

Refer to the **Product Version Description** document for a list of Delivery Modes and product versions covered by this course.

Copyright © Dell Inc. or its subsidiaries. All Rights Reserved.

Dell and other trademarks are trademarks of Dell Inc. or its subsidiaries. Other trademarks may be trademarks of their respective owners.