

Prompt Engineering Essentials

Price: 2495

Duration: 2 days

Delivery Methods: Virtual

Overview

Course Overview

Prompt Engineering Essentials is a two-day, hands-on immersion designed to transform the way professionals interact with Artificial Intelligence, moving users from simple queries to sophisticated, reproducible workflows. The first half of the course, The Art of Instruction, focuses on the fundamental syntax of communication with Large Language Models (LLMs). Participants will master the mechanics of prompt design by defining precise parameters—tasks, inputs, constraints, and styles—to eliminate ambiguity and drift. We move beyond basic requests into advanced methodologies, exploring how techniques like “Prompt Chaining,” role-setting, and Chain-of-Thought (CoT) prompting can guide the model through complex logic puzzles. By understanding the nuances of Zero-shot versus Few-shot prompting, learners will acquire the toolkit necessary to turn a generic AI model into a specialized domain expert capable of handling intricate instructions.

The true power of an LLM lies not just in conversation, but in its ability to act as a reasoning engine for business data. The second day, Data Reasoning & Analysis, bridges the gap between text generation and functional data science. Students will learn to interface with external assets, leveraging the AI to digest text files for summarization and analyze spreadsheets for trend filtering. The curriculum tackles real-world operational challenges, such as automated data cleaning and the use of the ReAct (Reasoning and Action) framework to facilitate interactive decision-making. Finally, participants will learn to constrain AI outputs into machine-readable formats like JSON, CSV, and Markdown, culminating in “The Disaster Shipment”—a capstone analytics challenge that requires combining every technique learned to solve a complex logistics crisis.

Objectives

- Design Precision Prompts
- Apply Advanced Reasoning
- Leverage In-Context Learning
- Operationalize Data Analysis
- Standardize Deliverables

Audience

- Prompt Engineers
- Sales & Pre-Sales Engineering
- Business Analysts
- Data Analysts
- Application Developers
- Staff Responsible for integrating Gen AI into project Workflows

Prerequisites

- No prior experience required
- Recommended Prerequisite course: **Zero-Code AI Solutions**

Course Schedule

Date	Time	Price	Options
05/04/2026	09:00 AM - 05:00 PM CT	2,495.00	Buy Now Enroll
06/23/2026	09:00 AM - 05:00 PM CT	2,495.00	Buy Now Enroll
08/24/2026	09:00 AM - 05:00 PM CT	2,495.00	Buy Now Enroll
10/26/2026	09:00 AM - 05:00 PM CT	2,495.00	Buy Now Enroll

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FAQ

What if I have to reschedule my class due to conflict?

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify
TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to
info@toptalentlearning.com to avoid rescheduling penalties.

How do I enroll for this class?

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

What happens once I purchase a class?

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

What is your late policy?

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

What happens when I finish my class?

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.