Data Science Overview | Technologies, Tools & Modern Roles in the Data-Driven Enterprise (TTDS6000)

Price: 995

Duration: 1 days

Delivery Methods: Virtual

Overview

Delve into the world of data science and big data with our engaging one-day course, "Data Science & Big Data Overview | Tools, Tech & Modern Roles in the Data-Driven Enterprise." Guided by our expert instructor, you'll explore how data science is revolutionizing business, connecting the dots between data and strategic decision-making. Gain key insights into transforming raw data into meaningful insights through data collection, preparation, and visualization techniques. Learn about the essential elements of data science, the dynamics of big data technologies, and the evolving roles that are shaping data-driven organizations today. You'll also review the foundations of machine learning, big data technologies, and the practical application of data science tools, preparing you to tackle real-world business challenges effectively, while exploring the latest trends in AI and its application in data science for maximum productivity.

This course serves as an ideal primer, offering a valuable kickstart for individuals new to data science, whether they aim to apply foundational concepts in their current role, engage in informed discussions, or pursue advanced training to launch their data science career. You'll exit the class with a solid understanding of these technologies to a conversant level, able to participate in strategic decisions surrounding data science skills. A highlight of the course will be our demo of a custom Retrieval Augmented Generation (RAG) based GPT solution, demonstrating how advanced AI techniques align with various data-oriented business roles and processes, providing insights into the latest technologies driving modern data strategies.

You'll exit this course with the skills required to effectively communicate data-driven insights, contribute to strategic business decisions, and stay ahead in the evolving landscape of data science and big data technologies.

Audience Profile

This introductory-level course is geared for tech professionals who wish to integrate data-driven strategies into their business operations. Ideal roles include business analysts, project managers, and department heads who aim to understand the impact of data science in decision-making and strategy formulation. The course is also suited to IT professionals and aspiring data analysts looking to familiarize themselves with the foundational concepts and tools of data science, setting the stage for further specialized training.

Prerequisites

Basic Understanding of Data Concepts: Participants should have a basic understanding of data and its importance in business contexts, including familiarity with common data types and simple data manipulation.

Fundamental Analytical Skills: A basic proficiency in analytical thinking and problem-solving, enabling participants to follow along with data analysis concepts and techniques presented during the course.

Familiarity with Business Operations: An understanding of general business operations and processes, as this will help in relating data science concepts to practical business applications and decision-making scenarios.

Course Schedule

Date	Time	Price	Options
09/21/2026	09:00 AM - 05:00 PM CT	995.00	**Buy Now Enroll**

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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.