



Consulting and Training | Reach New Heights

Course Name

Data Science for Executives - AIM

Sector Name

Digital Transformation and Innovation

Document Type

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Data Science for Executives - AIM

Course Introduction

In today's data-driven business environment, organizations rely on business intelligence systems and trusted data sources to support strategic planning and make fast decisions to seize market opportunities. The massive volume of data generated daily requires companies to keep pace in an increasingly complex world.

Consequently, data literacy has become essential to understand market shifts, manage risks efficiently, and improve corporate profitability.

The Data Science for Executives program provides a practical introduction to fundamentals of data science and the latest trends, including artificial intelligence (AI). Sessions cover various data-driven models, frameworks, and strategies designed to enhance operational efficiency and drive product innovation. Participants also explore the challenges faced by different industries in their data journeys and learn how to apply data-driven approaches to accelerate growth and support decision-making.

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Target Audience

- ✓ C-suite Executives and Senior Leaders
- ✓ Business Unit Leaders and Department Heads

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Learning Objectives

- ✓ Gain hands-on experience through simulations using MS Excel and Tableau.
- ✓ Understand the fundamental techniques of data science and identify the right time to apply them.
- ✓ Acquire a solid foundation in data science concepts and emerging trends.
- ✓ Enhance skills in data exploration and translating raw data into actionable insights.
- ✓ Apply a data-driven approach to strategic decision-making within their organizations.
- ✓ Develop a data-oriented mindset through intensive practical sessions.
- ✓ Effectively describe, analyze, and interpret data and models.
- ✓ Expand knowledge in analytics and understand major trends in the Fourth Industrial Revolution, data science, and AI, including data strategies and governance.
- ✓ Ask the right analytical questions to maximize return on investment in Data Science and AI (DSAI) initiatives.
- ✓ Transform their organization into a data-driven enterprise that thrives in the DSAI economy.
- ✓ Identify opportunities and potential risks when investing in DSAI and embark on the digital transformation journey.

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Course Outline

✓ DAY 01

Module 1:

- ✓ Exploratory Data Analysis (EDA)

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Course Outline

✓ Day 02

Module 2:

✓ Multiple Regression

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Course Outline

✓ DAY 3

Module 3:

- ✓ Optimization & Clustering

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Course Outline

✓ DAY 4

Module 4:

- ✓ Strategic Decision-Making

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Course Outline

✓ DAY 5

Module 5:

- ✓ Prediction and Machine Learning

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Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
May 24, 2027	May 28, 2027	5 days	4950.00 \$	Italy , Rome
Nov. 29, 2026	Dec. 3, 2026	5 days	2150.00 \$	Virtual , Online
March 22, 2027	March 26, 2027	5 days	4250.00 \$	UAE , Dubai
July 11, 2027	July 15, 2027	5 days	4250.00 \$	KSA , Riyadh

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