watsonx.ai: Introduction to Data Science and Generative AI

Duration: 1 Day Course Code: W7L187G Delivery Method: Virtual Learning

Overview:

In this course, students will learn to use scientific methods, processes, and algorithms to identify patterns, trends, and insights from data – with the goal of enabling better decision-making.

Students will use watsonx.ai to synthesize skills from statistics, computer science, and management information systems to analyze and interpret complex datasets.
This course includes a practical component with hands-on exercises focused on collecting, preparing, mining, and visualizing data and then building a machine learning and foundation model with methods on how to deploy them.

Target Audience:

This course is intended for Data Scientists, AI Specialists, watsonx.ai Specialists, Solution Architects, or anyone interested in data science and gen AI.

Objectives:

- Understand data concepts and tools
- Learn how to transform, mine, and visualize data
- Build machine learning, large language, and foundation models
- Deploy and measure model performance

Prerequisites:

Content:

Section 1 Introduction to data science

Section 2 Tools for data analysis

Section 3 Data analysis and visualization

Section 4 Machine learning and methodology

Section 5 MLOps, deployment, and observability

Section 6 Data Science and Generative AI

Additional Information:

Official course book and labs

Further Information:

For More information, or to book your course, please call us on +1 (800) 268 7737

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