

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.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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:

- After this course participants should be able to:
 - Build machine learning, large language, and foundation models
- Understand data concepts and tools
 - Deploy and measure model performance
- Learn how to transform, mine, and visualize data

Prerequisites:

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Content:

Section 1 Introduction to data science	Section 3 Data analysis and visualization	Section 5 MLOps, deployment, and observability
Section 2 Tools for data analysis	Section 4 Machine learning and methodology	Section 6 Data Science and Generative AI

Additional Information:

Official course book provided to participants.

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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www.globalknowledge.com/en-be/