IBM watsonx.ai: Rapid Machine Learning Model Development and Deployment with AutoAI

Duration: 1 Day **Course Code: W7L555G** **Delivery Method: Virtual Learning**

Overview:

IBM watsonx.ai: Rapid Machine Learning Model Development and Deployment with AutoAI aims to familiarize data science and analytics professionals with the fundamentals of the IBM watsonx.ai AutoAI tool. This course walks users through creating IBM Cloud projects, building, and evaluating AutoAI experiments for various supervised machine learning and time series use cases, and finally, learners leverage Chat in the Prompt Lab for further analysis of the use case.
The course guides participants through AutoAI features, from model development to deployment, using a no-code approach for:Classification modelsText classification modelsRegression modelsTime series modelsHyperparameter tuningModel explainabilityData imputationModel evaluationModel testingDeployment

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 Specialists, Solution Architects, or anyone interested in AutoAI.

Objectives:

- By the end of the course, learners will be able to:
- Identify potential machine learning use cases applicable to AutoAI.
- Differentiate problem types relevant to AutoAI experiments (Classification, Regression, Time Series).
- Configure settings for various AutoAI experiments.
- Evaluate pipelines and models produced by AutoAI experiments.
- Recognize deployment strategies for AutoAI models.

Content:

The following topics will be covered throughout the course:

- Introduction to AutoAI
- Classification model development and deployment
- Regression model development
- Text classification model development
- Time series model development
- Model explainability

Further Information:

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

info@globalknowledge.be

www.globalknowledge.com/en-be/