



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# IBM Watson Studio and IBM Watson Machine Learning for IBM Cloud Pak for Data (V3.0.x) eLearning

|              |               |                   |
|--------------|---------------|-------------------|
| <b>CODE:</b> | <b>DURÉE:</b> | <b>PRIX H.T.:</b> |
| ZL1_6X338    | 8 Hours       | Gratuit           |

## Description

This course goes through the stages of a data science project from importing data to deployment, using services in Watson Studio and Watson Machine Learning for Cloud Pak for Data.

## Objectifs

- Introduction to Watson Studio and Watson Machine Learning for Cloud Pak for Data
- Work with analytics projects
- Import data
- Prepare data for modeling with Data Refinery
- Automate building supervised models with AutoAI experiment
- Work with notebooks
- Deploy Watson Machine Learning models

## Audience

Clients who want to use the data science capabilities on Cloud Pak for Data or those who want to learn more about data science

## Prérequis

Knowledge of your business requirements

## Programme

## Introduction to Watson Studio and Watson Machine Learning for Cloud Pak for Data

- Describe the IBM Cloud Pak for Data platform and AI
- Describe the four rungs in the ladder to AI
- Describe the personas on the platform
- Describe how to collaborate on the platform
- Describe the CRISP-DM methodology

## Work with analytics projects

- Describe analytics projects
- Create analytics projects
- Leverage industry accelerators

## Import data

- Identify key concepts in working with data
- Describe correct column types
- Add local files to the project
- Created connections
- Add connected data sets to the project

## Prepare data for modeling with Data Refinery

- Identify three tasks in preparing data for modeling
- Describe the capabilities of Data Refinery
- Describe steps, flows, and jobs
- Join data
- Profile data
- Visualize data

## Automate building supervised models with AutoAI experiment

- Describe when AutoAI experiment can be used
- Describe the importance of column types
- Describe how the best model is identified
- Describe pipelines
- Save AutoAI experiment pipelines to the project
- Explain evaluation measures

## Work with notebooks

- Work with notebooks
- Load data into a notebook
- Prepare data for modeling
- Build machine learning models
- Save machine learning models to the project

## Deploy Watson Machine Learning models

- Identify Watson Machine Learning models
- Describe deployment spaces
- Create deployment spaces
- Describe model deployment options
- Create deployments
- Test deployments

## Dates de session

| Date        | Lieu | Time Zone | Langue  | Type               | Garanti | PRIX H.T. |
|-------------|------|-----------|---------|--------------------|---------|-----------|
| 27 Jul 2024 |      |           | English | Web based Training |         | €229.00   |

## Informations

### Complémentaires

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)