



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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IBM Cloud Pak for Data (V3.5.x): Foundations - eLearning

| CODE: | LENGTH: | PRICE: |
|--------|------------|----------|
| 6X436G | 6.48 Hours | \$150.00 |

Description

This learning offering will tell a holistic story of Cloud Pak for Data including collaboration across an organization, which is key in this platform. Applicable to all personas. A generic use case will provide understanding of how organizations can benefit from Cloud Pak for Data. A variety of features will also be explored, providing students with the insight on how to use the platform. This WBT contains instructional and interactive content, demonstrations and hands-on exercises (on Cloud Pak for Data on IBM Cloud).

Objectives

- Introduction to IBM Cloud Pak for Data
- Red Hat OpenShift Container Platform: overview
- Collaboration and workflows
- Collect data
- Organize data
- Prepare data
- Analyze data
- Infuse data
- Assessment

Audience

Data Engineer, Data Steward, Data Scientist, Business Analyst, Application Developer, Administrator

Prerequisites

IBM Demo assets: IBM Cloud Pak for Data, in particular Overview Cloud Pak for Data (<https://www.ibm.com/demos/collection/Cloud-Pak-for-Data/>)

Programme

Introduction to IBM Cloud Pak for Data

- Describe IBM Cloud Pak for Data
- Identify how IBM Cloud Pak for Data makes you ready for artificial intelligence (AI)
- Describe, at a high level, the IBM Cloud Pak for Data architecture
- Describe how to collaborate within IBM Cloud Pak for Data
- Describe the typical end-to-end data and analytics workflow in IBM Cloud Pak for Data
- Identify what you will be doing in this training

Red Hat OpenShift Container Platform: overview

- Describe how the Red Hat OpenShift Container Platform relates to IBM Cloud Pak for Data
- Describe the role of containers, Kubernetes, and Helm
- Describe how Red Hat OpenShift is a layered system
- Describe, at a high level, the Red Hat OpenShift architecture
- Describe, at a high level, how Red Hat OpenShift is secured

Collaboration and workflows

- Administer the platform
- Describe a typical workflow
- Create an analytics project
- Search for data
- Request data

Collect data

- Identify how you connect to data sources in IBM Cloud Pak for Data
- Identify ways in which you can add data to a project
- Identify supported data sources
- Describe how to work with an integrated database
- Create a connection to a data source

Organize data

- Describe the Watson Knowledge Catalog service and what you can do with it
- Describe how you can work with catalogs
- Describe how you can govern and curate data using Watson Knowledge Catalog
- Identify how governance artifacts and governance tools work together
- Identify how you can govern data to comply with regulations
- Perform automated discovery and work with the default catalog

Prepare data

- Identify ways in which you can prepare data for use in projects
- Describe how to virtualize data using the Data Virtualization service
- Describe how you can refine data using the Data Refinery service
- Identify how you can access trusted master data with IBM Master Data Connect
- Describe how you can build trust in unstructured data with IBM Watson Knowledge Catalog Instascan
- Identify how you can manage test data using Virtual Data Pipeline (VDP)

Analyze data

- Identify how you can analyze data in IBM Cloud Pak for Data
- Automate building machine learning models with AutoAI experiment
- Deploy machine learning models
- Analyze data using notebooks
- Identify other tools that you can use to analyze data

Infuse data

- Identify how you can perform self-service analytics with Cognos Analytics
- Describe how you can extract answers from complex business documents with Watson Discovery
- Identify how you can deliver engaging, unified problem-solving experiences with Watson Assistant
- Describe how you can accurately transcribe the human voice with Watson Speech to Text
- Identify how you can convert written text to natural-sounding speech with Watson Text to Speech
- Describe how you can automate planning, budgeting, and forecasting with Planning Analytics

Assessment

Session Dates

On request. Please [Contact Us](#)

Additional Information

This training is also available as onsite training. Please contact us to find out more.