

DANA-264



Cloudera Data Visualization Training

Course Overview

Course Type

Instructor-led training

Level

Beginner

Duration

1 day

Platform

Cloudera on Premises

Topics Covered

- Overview
- Installation and Access
- Workflow and Terminology
- Connecting to Your Data
- Creating and Modifying Datasets
- Creating and Editing Visuals
- Designing Dashboards
- Designing Applications
- Workspaces

About This Training

This 1-day beginner course provides a hands-on introduction to Cloudera Data Visualization (DataViz), Cloudera's built-in visualization tool. Designed for data analysts, business intelligence analysts, and data enthusiasts, the course explores the solution's core capabilities in an accessible manner.

What Skills You Will Gain

Participants Will Develop the Ability To:

- Recognize the capabilities and suitable applications of DataViz
- Install and access Data Viz from Cloudera AI and Cloudera Data Warehouse
- Identify basic terminology and hierarchy of concepts and components
- Create connections to existing data sources and import data
- Create datasets and modify data and tables for further use
- Create and configure visuals and leverage the power of AI
- Create dashboards from existing datasets
- Create applications from existing dashboards and explore options for visual customization
- Manage both the security and the workflow of Data Visualization in enterprise organizations through Workspaces

Who Should Take This Course?

This beginner course is for business analysts, data analysts, data scientists, data engineers, ML engineers, and all kinds of data enthusiasts who are considering using Cloudera's built-in visualization tool. Prior experience with SQL, reporting tools like Tableau or Power BI, and the Cloudera Data Platform (Installation) may be useful but is not required. OnDemand students must have access to DataViz through their own environment.

Other Training That Might Interest You

- [DANA-262: Analyzing with Cloudera Data Warehouse](#)
- [Data Analyst \(Learning Path\)](#)
- [DSCI-272: Predicting with MLOps on Cloudera AI](#)
- [GEN-110: Cloudera Essentials](#)

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Cloudera Data Visualization Training

Overview

- Introduction to the Course
- Why Cloudera DataViz
- Cloudera DataViz in a Nutshell
- Capabilities of Cloudera DataViz

Accessing DataViz

- Installing and Accessing Cloudera DataViz
- Installing and Accessing Data Viz in CDW
- Installing and Accessing Data Viz in Cloudera AI

Terminology and Workflow

- Introduction to the Cloudera Data Visualization UI
- Applications
- Dashboards
- Visuals
- Datasets
- Connections
- Workspaces

Connecting to Your Data

- Cloudera Data Warehouse
- Cloudera AI

Creating and Modifying Datasets

- Creating Datasets
- Editing Fields
- Dataset Versioning
- Correlations and Joins

Creating and Editing Visuals

- Creating Visuals
- Exploring the Visual Editor
- Visual Catalog
- AI Visuals
- Visual Shelves
- Configuring Visuals
- Filters
- Expressions
- Parameters
- Natural Language Search
- Speech-to-text

Creating and Editing Dashboards

- Creating Dashboards from Datasets
- Adding, Editing, and Moving Existing Visuals
- Adding Filters to Dashboards
- Dashboard Settings and Styles
- Visual Context Menus
- Drilling into Data
- Dashboard Filters and Scope
- Derived Data
- Workspaces
- Sharing Dashboards

Creating and Editing Applications

- Designing and Customizing Apps
- Launching and Sharing Apps

Creating and Using Workspaces

- Workspace types
- Creating a shared workspace
- Moving a dashboard to a shared workspace
- Modifying "Create Workspace" privileges
- Privileges – RBAC and ACL