Training: Cloudera
DGOV-221 Controlling with Cloudera Data Governance

CLOUDERA Training Partner

TRAINING GOALS:

This course helps customers use Cloudera Data Platform to address data governance tasks, motivated by the need for compliance with regulations such as the European Union's General Data Protection Regulation (GDPR) and the United State's Health Insurance Portability and Accountability Act (HIPAA).

What you'll learn

Through instructor-led discussion, demonstrations, and hands-on exercises, you will learn how to:

- Identify which tools in Cloudera Data Platform (CDP) to use for key data governance activities
- Organize data objects using classifications and business glossary terms
- Find access history for data objects and policies
- Use Data Catalog Profilers in CDP to assist in organizing data objects
- Use Data Catalog to foster collaboration with colleagues
- View and interpret a data object's lineage
- Create and apply resource- and tag-based access control policies
- Create policies for data masking and row-level filtering

What to expect

This course is best suited for data stewards and others who are responsible for, or have an interest in, implementing regulatory compliance or performing typical data governance activities using the Cloudera Data Platform. Familiarity with basic data governance concepts is helpful, but not required.

CONSPECT:

- Data Governance Overview
  - What Is Data Governance?
  - Basic Concepts
  - SDX: Data Governance in CDP
- Organizing Data Objects
  - Searching for Objects by Type
  - Classifications

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- Glossary Terms
- Auditing
  - Auditing Overview
  - Viewing Audit Information
- Working with Data Catalog
  - Data Catalog Overview
  - Sensitive Data Profiler
  - Defining and Monitoring Data Quality
  - Preparing for Audits Using Data Catalog
  - Collaborating
- Lineage
  - Inspecting Lineage
  - Propagation and Lineage in Atlas
  - Inspecting Lineage in Atlas
- Access Controls
  - Apache Ranger Basics
  - Creating Users and Roles
  - Resource-Based Policies
  - Tag-Based Policies
  - Securing Metadata Objects
  - Providing Partial Access
- Managing the Data Lifecycle
  - Governing the Data Lifecycle

REQUIREMENTS:

This course is best suited for data stewards and others who are responsible for, or have an interest in, implementing regulatory compliance or performing typical data governance activities using the Cloudera Data Platform. Familiarity with basic data governance concepts is helpful, but not required.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by Cloudera (course completion).

Upon completion of the course, attendees are encouraged to continue their study and register for the

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Cloudera Certified Administrator (CCA) exam
https://www.cloudera.com/about/training/certification/cdhhdp-certification/cca-admin.html

Certification is a great differentiator. It helps establish you as a leader in the field, providing employers and customers with tangible evidence of your skills and expertise.

TRAINER:

Certified Cloudera Instructor

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