

Course Code: W7068GW

Course Title: IBM Watson Discovery for Developers

Description:

In this 6 hour web-based training (WBT), you will learn how Watson Discovery lets business analysts and developers rapidly build cognitive, cloud-based exploration applications that unlock actionable insights hidden in unstructured data — including your own proprietary data, as well as public and third-party data.

Objectives:

• Discovery overview: Architecture of Watson Discovery • Discovery overview: Administering security in Watson Discovery • Discovery overview: Creating a collection • Configuring a Discovery collection • Ingesting data into a Discovery collection • Querying a Discovery collection • Querying a Discovery collection: Relevancy training • Querying a Discovery collection: Passage retrieval

Prerequisites:

• Basic knowledge of cloud platforms, for example IBM Cloud • Basic understanding of enterprise search and natural language

Duration:

6.4 Hrs

Topics:

Discovery overview: Architecture of Watson Discovery • Describe Discovery architecture in a cloud environment • Describe content creation within Discovery • Describe Discovery data collection runtime flows • Describe Discovery user runtime flows Discovery overview: Administering security in Watson Discovery • List types of security used in Watson Discovery on Cloud • Describe how Discovery service credentials are used • Describe a common use case for securing private data within Discovery Discovery overview: Creating a collection • Instantiate Watson Discovery • Connect to a Discovery instance • Create a collection Configuring a Discovery collection • Configure enrichments for a particular business case • Use tooling and APIs to configure a Discovery collection • Use Smart Document Understanding to identify fields from documents Ingesting data into a Discovery collection • Describe use cases for using APIs, tooling and data sources to ingest data • Describe the steps for ingesting documents into Discovery • Perform ingestion operations such as add, update and delete documents • Describe ingestion limitations Querying a Discovery collection • Explain simple, combined and aggregate queries • Explain search and structure parameters, operators and aggregation types for querying a collection • Use the Discovery query language for constructing queries Querying a Discovery collection: Relevancy training • Explain the purpose of relevancy training • Detail the process of using relevancy training for improving results Querying a Discovery collection: Passage retrieval • Explain the purpose of passage retrieval • Describe passage retrieval settings and usage • Use passage retrieval to return pointed results

Audience:

Analysts, Developers, and others who need to monitor machine learning jobs