

COURSE OVERVIEWS

Watson Developer – C1000-400

(5 Days)

This intermediate level IBM Watson Developer is an individual who understands concepts essential to the development of applications using IBM Watson AI services. They have experience using IBM Watson AI services in an application regardless of where the service is provisioned. This individual can perform these tasks with little to no assistance from product documentation, support or peers.

During exam development, the Subject Matter Experts (SMEs) define all the tasks, knowledge and experience that an individual would need in order to successfully fulfill their role with the product or solution. These are represented by the objectives below and the questions on the certification exam are based upon these objectives.

DAY 1

- Introduction to IBM Cloud Account for Service Access
- Watson Paid Plan Options
- Features & Limitations of IBM Cloud Lite Plan
- General Co AL concepts of AL & ML
- Machine Learning Training Techniques
- Machine Learning Model Evaluation Metrics
- Watson AI Lifecycle Management Tools
- Introduction to Watson Services
- Evaluation Metrics For Watson Services
- Integration of Watson Services with Key 3rd Party Technology

Day 2

- Authentication Mechanisms for Watson APIs
- Describe the Concepts of Watson Assistants
- Data Handling Technique for Watson Assistant
- Metrics Overview Page for Watson Assistant

DAY 3

- Describe Training Methodologies & Training Data Formats
- Introduction with Watson Assistant Service API.
- Develop Watson Assistant Service with Voice Agent
- Creation of Agents
- Authentication
- Integration
- Error Handling
- Hands-On Lab for Watson Assistant

DAY 4

- Introduction with Watson Knowledge Studio
- Introduction with Watson Discovery Concepts
- Introduction with the Methods Available in Watson Discovery.
- Develop Watson Discovery Service
- Authentication
- Integration
- Data Handling
- Error Handling
- Hands-On Lab for Watson Discovery
- Train Watson Discovery

DAY 5

- Watson Speech Services
- Develop Service with Speech to Text Service
- Develop Service with Text to Speech Service
- Methods Available for the Watson Speech Services
- Watson Language Processing APIs
- Develop System with Tone Analyzer
- Data Handling Using Tone Analyzer
- Different Methods Available for the Watson Language Processing
- NLU concepts, Methods & Feature
- Hands-On Lab for Watson Language Processing

Cloud V4 Solution Architect– C1000-100(4 Days Agenda)

An IBM Certified Solution Architect - Cloud is a person who can design, plan and architect a Cloud Solution on IBM Cloud. They can do this with limited assistance from support, documentation, and/or relevant subject matter experts.

DAY 1

- IBM Cloud IaaS Overview
- IBM Cloud Compute Options
- IBM Cloud Container Platforms
- Introduction with Different Cloud Pak's

DAY 2

- Explain Function-as-a-Service (FaaS)
- IBM Cloud Networking Options
- Virtual Private Cloud (VPC)
- IBM Cloud Storage
- IBM Cloud Resiliency Options

DAY 3

- Describe DevOps Capabilities
- IBM Cloud Security
- IBM Internet of Things
- IBM BlockChain
- IBM Cloud Watson AI Services

DAY 4

- Cloud Integrations
- VMware Solutions
- Service Management Principles
- IBM Cloud Data Analytics, Management, and Reporting Capabilities