

OD-NDD: Oracle NoSQL Database for Developers

Course Code: OD-NDD

Duration: 2 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

In the Oracle NoSQL Database for Developers Ed 1 course, you will learn how to use the Oracle NoSQL Database developer APIs for Java. You will also discover how to access the KVStore from a Java application to store and manipulate data in a KVStore.

Learn To:

- Understand the key concepts of the NoSQL technology and when to use the Oracle NoSQL Database versus an RDBMS.
- Learn to design the schema for a Java application using a table based approach as well as a key value pair approach.
- Learn to create the code for storing, manipulating and deleting data stored in a KVStore.
- Handle exceptions and implement security, consistency, and durability policies for the KVStore and an application.

You will identify the features and benefits of the Oracle NoSQL Database and will discover why and how Oracle NoSQL Database is used to store data, generally Big Data.

SKILLS COVERED

- Encrypt data and create consistency and durability policies according to application requirements
- Design a schema for Oracle NoSQL Database
- Use Oracle NoSQL Database APIs in an application to create, retrieve, and update data in a KVStore

WHO SHOULD ATTEND?

- Developers

PREREQUISITES

Suggested Prerequisite

- Understanding Big Data
- Relational Database Concepts

Required Prerequisite

- Java fundamental programming

MODULES

Module 1: Course Introduction

Module 2: Big Data and NoSQL Overview

Module 3: Oracle NoSQL Database: Overview

Module 4: Schema Design

Module 5: Application Specific Requirements

Module 6: Creating Tables

Module 7: Writing Data To Tables

Module 8: Retrieving Table Data

Module 9: Manipulating Data Stored in Key-Value Model

Module 10: Configuring Consistency

Module 11: Configuring Durability

Module 12: Creating Transactions

Module 13: Handling Large Objects

Module 14: Accessing a Secure Store

Module 15: Handling Exceptions

END OF PAGE