



Using Oracle NoSQL Database

- **Formato do curso:** Presencial
- **Preço:** 2250€
- **Nível:** Avançado
- **Duração:** 30 horas

In this course, you'll learn what an Oracle NoSQL Database is, what the features and benefits are and how to use it to store Big Data. Explore key concepts of the NoSQL Database technology, while learning when to use the Oracle NoSQL Database versus an RDBMS.

Pré-requisitos

Pré-requisitos obrigatórios:

- Understanding of Big Data
- Java programming
- Introduction to Big Data

Pré-requisitos aconselháveis:

- Java SE7 Fundamentals
 - Introduction to Oracle NoSQL Database
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Objectivos

- Define Big Data
- Differentiate a NoSQL Database from the Relational Database Management System
- Identify when to use a NoSQL Database
- Identify the key features of the Oracle NoSQL Database
- Explain the Oracle NoSQL Database architecture
- Identify the components of Oracle NoSQL Database
- Use KVLite
- Identify the schema structure for Oracle NoSQL Database
- Define and design major and minor keys
- Define consistency and durability
- Identify the Java API's to access the KVStore
- Install Oracle NoSQL Database
- Configure a KVStore using command line interface and admin console
- Explain how to update an existing deployment
- Identify how to override a default consistency and durability policy

- Create and execute a transactional operation
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Programa

- Big Data and NoSQL Database Overview
- Oracle NoSQL Database
- Designing a Schema
- Consistency
- Durability
- Credit Card Application and APIs: Overview
- Administration: Overview
- Planning the Installation
- Setting-up the Oracle NoSQL Database Nodes
- Configuring and Deploying the KVStore
- Store Parameters
- Optimizing KVStore Performance
- Backup and Recovery
- Troubleshooting
- Accessing the KVStore
- Creating Key and Value Components
- Loading Data into a KVStore
- Retrieving Data from a KVStore
- Manipulating Data in a KVStore
- Handling Exceptions
- Configuring Consistency
- Configuring Consistency and Durability