



www.uplatz.com

Leading Marketplace for IT and Certification Courses

info@uplatz.com

[+44 7836 212635](tel:+447836212635)



NoSQL

◆ 1:1 Instructor-led Online Training ◆



www.uplatz.com



+44 7836212635



info@uplatz.com

COURSE DETAILS & CURRICULUM

With the advent of Big Data and agile development methodologies, NoSQL databases have gained a lot of relevance. Their main advantage is the ability to handle effectively scalability and flexibility issues for modern applications.

- Use the Cloudant NoSQL database as an example to learn how to create and replicate databases, load and query data, and other operations.
- If you are struggling with the management of an existing datastore and want to offload administration to a service provider or if you require high availability and disaster recovery redundancy across nodes, data centers, geographies or asynchronous mobile/client access to application data, you may want to consider a NoSQL database offered as a Database-as-a-Service (DBaaS).

COURSE SYLLABUS

- **Module 1 - Introducing NoSQL**
 1. Define the term NoSQL and the technology it references.
 2. Describe NoSQL history in the database landscape.
 3. Explain concepts and characteristics of NoSQL databases.



www.uplatz.com

Leading Marketplace for IT and Certification Courses

info@uplatz.com

[+44 7836 212635](tel:+447836212635)

4. List the primary benefits to adopting a NoSQL database.
- **Module 2 - Defining NoSQL Database Types, Options, and Use Cases**
 1. Define the major types of NoSQL Databases.
 2. Describe the primary use cases of each.
 3. Differentiate the major architectural differences between the types.
 - **Module 3 - Choosing a Data Layer for Your Application**
 1. Differentiate local database system, hosted database, and database-as-a-service.
 2. Examine relevant factors and considerations to determine an appropriate data layer.
 - **Module 4 - Introducing Cloudant – a NoSQL DBaaS**
 1. List the key benefits of IBM Cloudant, a NoSQL Database-as-a-Service.
 2. Describe Cloudant's architecture.
 3. List the features of Cloudant.
 4. Explain the problems a Cloudant solution can solve.
 5. Describe Cloudant's deployment options.
 - **Module 5 - Getting Started With IBM Cloudant: A Hands-On Introduction**
 1. Sign up for an IBM Cloudant account.
 2. View your dashboard.
 3. Create a database and add data documents.
 4. Change database permissions.
 5. Replicate a sample database.
 6. Query data.
 7. Work with the HTTP API.
 8. Access documentation and support resources.