

MongoDB

- ❖ Introduction to NoSQL Database
 - What is NoSQL?
 - SQL vs NoSQL Database
 - Features of NoSQL

- ❖ MongoDB Introduction
 - What is MongoDB?
 - Features of MongoDB
 - Environment Setup

- ❖ Working with Cloud Based MongoDB
 - Connecting to Cloud based Database using Mongo Shell
 - Listing all the databases in cloud based database
 - Creating Database
 - Creating Collection in Database
 - Creating Documents in Collection
 - Performing basic CRUD operations
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- ❖ Working with Local MongoDB
 - Connecting to Local Database using Mongo Shell
 - Listing all the databases in cloud based database
 - Creating Database
 - Creating Collection in Database
 - Creating Documents in Collection
 - Performing basic CRUD operations

- ❖ Query Documents
 - Comparison Operators
 - Relational Operators
 - Logical Operators
 - Array Operators
 - Regular Expression
 - Project certain fields

- ❖ Updating Documents
 - Adding new field in the document
 - Removing existing field in the document
 - Renaming the field
 - Incrementing numerical value
 - Using min, max, mul operators
 - Array update operators

- ❖ Aggregation Pipeline
 - What is Aggregation Pipeline?
 - Aggregation Pipeline Operators
 - Matching documents as per criteria
 - Limiting Documents
 - Sorting Documents
 - Grouping Documents

- ❖ Joining and Merging Documents
 - Joining two different document using lookup operator
 - Merging document using merge operator