### **MongoDB Shell Connection Strings**

#### **1. Connect to Local MongoDB (Default Port)**

mongosh

Or

mongosh "mongodb://localhost:27017"

#### **2. Connect to a Specific Database**

mongosh "mongodb://localhost:27017/database\_name"

#### **3. Connect with Authentication**

mongosh "mongodb://username:password@localhost:27017/database\_name"

#### **4. Connect to a Remote MongoDB Server**

mongosh "mongodb://remote\_host:27017"

#### **5. Connect to MongoDB Atlas (Cloud Database)**

mongosh "mongodb+srv://username:password@cluster\_name.mongodb.net/database\_name"

Make sure to replace:

* username and password with your actual credentials.
* cluster\_name with your MongoDB Atlas cluster name.
* database\_name with your target database.

#### **6. Connect with Replica Set**

mongosh "mongodb://host1:27017,host2:27017,host3:27017/database\_name?replicaSet=myReplicaSet"

Let me know if you need more details! 🚀

**Here are some common MongoDB shell commands for managing databases:**

### **1. Show Databases**

show dbs

Displays a list of all databases.

### **2. Create or Switch Database**

use database\_name

If the database doesn't exist, it is created when a collection is added.

### **3. Show Current Database**

db

Displays the current database in use.

### **4. Drop a Database**

db.dropDatabase()

Deletes the current database.

### **5. Show Collections**

show collections

Lists all collections in the current database.

### **6. Create a Collection**

db.createCollection("collection\_name")

Explicitly creates a collection.

### **7. Drop a Collection**

db.collection\_name.drop()

Deletes a collection.

### **8. Insert a Document**

db.collection\_name.insertOne({ name: "John", age: 25 })

Or

db.collection\_name.insertMany([{ name: "Alice" }, { name: "Bob" }])

### **9. Find Documents**

db.collection\_name.find()

Displays all documents in the collection.

### **10. Delete a Document**

db.collection\_name.deleteOne({ name: "John" })

or delete multiple:

db.collection\_name.deleteMany({ age: { $gt: 30 } })

### **11. Update a Document**

db.collection\_name.updateOne({ name: "Alice" }, { $set: { age: 30 } })

or update multiple:

db.collection\_name.updateMany({ age: { $lt: 30 } }, { $set: { status: "young" } })

Would you like more advanced queries or administrative commands? 🚀