

# MONGODB COMMANDS CHEAT SHEET

- **sudo service mongod start :**  
This command used to start the mongod services. Before moving in to mongo shell we must start the services of mongod, otherwise it shows an error.
- **sudo service mongod stop :**  
This command used to stop or turn off the mongod services.
- **sudo service mongod status :**  
This command used to check status of mongod service. It shows either active or inactive.
- **use demoDB :**  
This command list all databases.
- **show dbs :**  
This command list all databases. If database is empty then it will not listed.
- **use demoDB :**  
This check if database already exist then switch else create new database and then switch to it.
- **show collections:**  
This command used to list all collections present in current working database.
- **db.collectionName.insertOne(object):**  
This command used to insert one document in collection. It accept data in form of object and set predefined property `_id`, which is unique among the database.
- **db.collectionName.insertMany( [object1, object2, ..., objectn] ) :**  
This command is similar to `db.insertOne`, only differences between `db.insertOne()` and `insertMany()` are `db.insertOne()` used to insert one document while `db.insertMany()` used to insert many document at a time so, it accepts array of objects to be stored.
- **db.collectionName.updateOne(filter, dataToBeUpdate) :**  
This command used to update one document from matched condition and return object which contains properties like `acknowledge`, `matchedCount`, `modifiedCount`.

- **db.collectionName.updateMany(filter, dataToBeUpdate) :**  
This command used to update all document from matched condition and return object which contains properties like acknowledge, number of matchedCount, and number of modified document.
- **db.collectionName.replaceOne(filter, dataToBeUpdate) :**  
This command replace first mached document with specified document in parameter.
- **db.collectionName.deleteOne(filter, dataToBeUpdate) :**  
This command delete first mached document with specified condition or filter in parameter and returns object property like acknowledged and deletedCount.
- **db.collectionName.deleteMany(filter, dataToBeUpdate) :**  
This command delete all mached document with specified condition in parameter and returns object property like acknowledged and deletedCount as total number of deleted records.
- **db.collectionName.find() :**  
This command returns all document of specified collection.
- **db.collectionName.find(filter) :**  
This command used to fetch all data with matched condition and returns only those data which stisfied the condition or filter in collection.
- **db.collectionName.find(filter).limit(n) :**  
This command used to fetch all data with matched condition and returns only those data which stisfied the condition or filter in collection with maximum limit of n.
- **db.collectionName.find(filter, specifiedFieldToBeShown) :**  
This command used to fetch all data with matched condition and returns only those data which stisfied the condition or filter in collection and show only specified field. If you want to discards some filed then set value of that filed zero (0) in **specifiedFieldToBeShown** object.