MongoDB

1. Download community server
   https://www.mongodb.com/try/download/community
2. Download mongosh (download shell), and unzip the file
   https://www.mongodb.com/try/download/shell
3. Download commandline tools, and unzip the file
   https://www.mongodb.com/try/download/database-tools
4. Install community server by using step by step procedures.
5. Set path in the environment variables
   1. C:\Program Files\MongoDB\Server\8.0\bin
   2. D:\mongodb\setup software with gui\mongo 8\mongosh-2.3.1-win32-x64\bin
   3. D:\mongodb\setup software with gui\mongodb-database-tools-windows-x86_64-100.5.0\mongodb-database-tools-windows-x86_64-100.5.0\bin
6. Start the shell
   Open command prompt
   Mongosh   -→ it will start the shell
7. Import the data
   Open another command prompt
   mongoimport --db mydb --collection movie --file d:\jsonfile\movie.json
   mongoimport --db mydb --collection restaurent --file d:\jsonfile\samplerestaurent.json

8. To export the data :
   mongoexport –db mydb –collection restaurant --out d:\jsonfile\restaurent.json

To see the list of databases

Show dbs

To see the list pf collections

Show collections

To see the name of the current database

db

To create and change the database.

Use mydb;

To see the list of all documents

db.movie.find();

To see the first document

db.movie.findOne();

to drop the database

db.dropDatabase()

to drop the collection

db.movie.drop();

to create a new collection

db.emp.insert({empno:10,ename:'Kishori',desg:'mgr'})

db.emp.insert({empno:11,ename:'Rajan', doj:ISODate('1998-10-02T12:34:45.4')})

to create empty collection

db.createCollection('mycollection')

to create capped collection

db.createCollection('mycollection',{caped:true,max:2,size:40000}:)

To find first 2 documents

db.movie.find().sort({rating:-1}).limit(2)

to see 5 to 9 documents

db.movie.find().sort({rating:-1}).limit(5).skip(4)

Using find function.

Db.movie.find({query},{projection})

Db.movie.find({},{name:1,rating:1,price:1})

db.movie.find({},{name:1,rating:1,price:1,_id:0}).sort({rating:-1});

db.movie.find({price:200},{name:1,rating:1,price:1,_id:0})