

MongoDB

1. Download community server
<https://www.mongodb.com/try/download/community>
2. Download mongosh (download shell)
<https://www.mongodb.com/try/download/shell>
3. Download commandline tools
<https://www.mongodb.com/try/download/database-tools>
4. Install community server by using step by step procedures.
 1. Open cmd prompt
 2. `Mongod - -dbpath e:\data7`
5. Start the shell
Open another command prompt
Mogosh → it will start the shell
6. Import the data
Open 3 rd command prompt
`Mongoimport -db mydb -collection movie -file d:\jsonfile\movie.json`
7. To export the data :
8. `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',{capped: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})
```