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All MongoDB commands you will ever need (MongoDb Cheatsheet)

In this post, we will see a comprehensive list of all the MongoDB commands you will ever need as a MongoDB beginner. This list covers almost all the most used commands in MongoDB.

I will assume that you are working inside a collection named 'comments' on a MongoDB database of your choice

1. Database Commands

View all databases

```
show dbs
```

Create a new or switch databases

```
use dbName
```

View current Database

```
db
```

Delete Database

```
db.dropDatabase()
```

2. Collection Commands

Show Collections

```
show collections
```

Create a collection named 'comments'

```
db.createCollection('comments')
```

Drop a collection named 'comments'

```
db.comments.drop()
```

3. Row(Document) Commands

Show all Rows in a Collection

```
db.comments.find()
```

Show all Rows in a Collection (Prettified)

```
db.comments.find().pretty()
```

Find the first row matching the object

```
db.comments.findOne({name: 'Harry'})
```

Insert One Row

```
db.comments.insert({
  'name': 'Harry',
  'lang': 'JavaScript',
  'member_since': 5
})
```

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```
db.comments.insertMany([{\n  'name': 'Harry',\n  'lang': 'JavaScript',\n  'member_since': 5\n},\n{\n  'name': 'Rohan',\n  'lang': 'Python',\n  'member_since': 3\n},\n{\n  'name': 'Lovish',\n  'lang': 'Java',\n  'member_since': 4\n}])
```

Search in a MongoDB Database

```
db.comments.find({lang:'Python'})
```

Limit the number of rows in output

```
db.comments.find().limit(2)
```

Count the number of rows in the output

```
db.comments.find().count()
```

Update a row

```
db.comments.update({name: 'Shubham'},\n{\n  'name': 'Harry',\n  'lang': 'JavaScript',\n  'member_since': 51\n}, {upsert: true})
```

Mongodb Increment Operator

```
db.comments.update({name: 'Rohan'},\n{ $inc:{\n  member_since: 2\n}})
```

Mongodb Rename Operator

```
db.comments.update({name: 'Rohan'},\n{ $rename:{\n  member_since: 'member'\n}})
```

Delete Row

```
db.comments.remove({name: 'Harry'})
```

Less than/Greater than/ Less than or Eq/Greater than or Eq

```
db.comments.find({member_since: {$lt: 90}})
```

```
db.comments.find({member_since: {$lte: 90}})
```

```
db.comments.find({member_since: {$gt: 90}})
```

```
db.comments.find({member_since: {$gte: 90}})
```

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skashif975_gm 2022-07-08

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syedusama076_gm 2022-07-02

Harry bro i need your help bro please create a MERN Stack website for online Tutor finder for our learning its very helpful for us who are working on MERN Stack. i see your videos like reactjs and node and current watching MongosDB. Please help us bro

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