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All MongoDb commands you will ever need (MongoDb Cheatsheet)

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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
 })
```

Insert many Rows

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

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'},
{'name': 'Harry',
    'lang': 'JavaScript',
    'member_since': 51
}, {upsert: true})
```

Mongodb Increment Operator

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

Mongodb Rename Operator

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

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}})
```

Comments (15)

@20je071801 Wed May 25 2022
Hii sir! sir you have not added some of the commands which you have taught in the video like the commands for sorting the database so please add those one also thankyou sir!

@scethenhunt601 Wed Mar 30 2022
hii!! Not able to change collection name "Mongodb learning" to "MongodbLearning". Can't we use space in collection names?

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@kushagrarajpal2301 Fri Mar 11 2022
Please add mongoose cheat sheet

@anujverma123ok01 Tue Mar 08 2022
CWH is best

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@sumitkumarsk810401 Sat Feb 12 2022
nice

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