

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
```

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Create a new or switch databases

```
use dbName
```

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View current Database

```
db
```

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Delete Database

```
db.dropDatabase()
```

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2. Collection Commands

Show Collections

```
show collections
```

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Create a collection named 'comments'

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

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Drop a collection named 'comments'

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

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3. Row(Document) Commands

Show all Rows in a Collection

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

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Show all Rows in a Collection (Prettified)

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

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Find the first row matching the object

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

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Insert One Row

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

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Insert many Rows

```
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}])
```

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Search in a MongoDB Database

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

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Limit the number of rows in output

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

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Count the number of rows in the output

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

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Update a row

```
db.comments.updateOne({name: 'Shubham'},  
{ $set: { 'name': 'Harry',  
          'lang': 'JavaScript',  
          'member_since': 51  
}}, {upsert: true})
```

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Mongodb Increment Operator

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

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Mongodb Rename Operator

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

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Delete Row

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

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

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

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

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

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