

```

Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find()
[
  { _id: 1, StudName: 'Gaurav', Grade: 'VI', Hobbies: 'Browsing' },
  { _id: 4, StudName: 'Saurav', Grade: 'V', Hobbies: 'Dance' },
  { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' }
]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find({StudName:"Kumar"})
[ { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' } ]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find({Grade:$eq:'VII'});
\\[ { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' } ]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find({Grade:$eq:'VII'});
[ { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' } ]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.count();
DeprecationWarning: Collection.count() is deprecated. Use countDocuments or estimatedDocumentCount.
3
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find().sort({StudName:1});
[
  { _id: 1, StudName: 'Gaurav', Grade: 'VI', Hobbies: 'Browsing' },
  { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' },
  { _id: 4, StudName: 'Saurav', Grade: 'V', Hobbies: 'Dance' }
]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find().sort({Grade:1});
[
  { _id: 4, StudName: 'Saurav', Grade: 'V', Hobbies: 'Dance' },
  { _id: 1, StudName: 'Gaurav', Grade: 'VI', Hobbies: 'Browsing' },
  { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' }
]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find().sort({Grade:-1});
[
  { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' },
  { _id: 1, StudName: 'Gaurav', Grade: 'VI', Hobbies: 'Browsing' },
  { _id: 4, StudName: 'Saurav', Grade: 'V', Hobbies: 'Dance' }
]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.insert({_id:2,StudName:"Aryan",Grade:"IV",Hobbies:"Sketching"});
{ acknowledged: true, insertedIds: { '0': 2 } }
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find()
[
  { _id: 1, StudName: 'Gaurav', Grade: 'VI', Hobbies: 'Browsing' },
  { _id: 4, StudName: 'Saurav', Grade: 'V', Hobbies: 'Dance' },
  { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' },
  { _id: 2, StudName: 'Aryan', Grade: 'IV', Hobbies: 'Sketching' }
]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find().sort({Grade:1});
[
  { _id: 2, StudName: 'Aryan', Grade: 'IV', Hobbies: 'Sketching' },
  { _id: 4, StudName: 'Saurav', Grade: 'V', Hobbies: 'Dance' },
  { _id: 1, StudName: 'Gaurav', Grade: 'VI', Hobbies: 'Browsing' },
  { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' }
]

```

```

Atlas atlas-z7tbbe-shard-0 [primary] test> use myDB
switched to db myDB
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db
myDB
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.createCollection("Student")
{ ok: 1 }
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.createCollection("Faculty")
{ ok: 1 }
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Faculty.drop()
true
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.insert({_id:1,StudName:"Jonathan",Grade:"VI",Hobbies:"Browsing"});
DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.
{ acknowledged: true, insertedIds: { '0': 1 } }
Atlas atlas-z7tbbe-shard-0 [primary] myDB> var mystudent = [{_id:4,StudName:"Saurav",Grade:"V",Hobbies:"Dance"},{_id:5,StudName:"Kumar",Grade:"VII",Hobbies:"Singing"}]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.insert(mystudent)
{ acknowledged: true, insertedIds: { '0': 4, '1': 5 } }
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.update({StudName:"Jonathan"},{$set:{StudName:"Gaurav"}});
DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find()
[
  { _id: 1, StudName: 'Gaurav', Grade: 'VI', Hobbies: 'Browsing' },
  { _id: 4, StudName: 'Saurav', Grade: 'V', Hobbies: 'Dance' },
  { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' }
]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find({StudName:"Kumar"})
[ { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' } ]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find({Grade:$eq:'VII'});
\\[ { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' } ]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find({Grade:$eq:'VII'});
[ { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' } ]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.count();
DeprecationWarning: Collection.count() is deprecated. Use countDocuments or estimatedDocumentCount.
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Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find().sort({StudName:1});
[
  { _id: 1, StudName: 'Gaurav', Grade: 'VI', Hobbies: 'Browsing' },
  { _id: 5, StudName: 'Kumar', Grade: 'VII', Hobbies: 'Singing' },
  { _id: 4, StudName: 'Saurav', Grade: 'V', Hobbies: 'Dance' }
]
Atlas atlas-z7tbbe-shard-0 [primary] myDB> db.Student.find().sort({Grade:1});
[
  { _id: 4, StudName: 'Saurav', Grade: 'V', Hobbies: 'Dance' },

```

```

C:\Users\student>mongoexport --uri="mongodb+srv://mohithjaincs22:mohith2026@cluster0.ziljs.mongodb.net/myDB" --collection=Student --out "C:\Users\student\Desktop\output.json"
2025-03-04T15:18:44.999+0530 connected to: mongodb+srv://[**REDACTED**]@cluster0.ziljs.mongodb.net/myDB
2025-03-04T15:18:45.153+0530 exported 4 records

C:\Users\student>mongoimport --uri="mongodb+srv://mohithjaincs22:mohith2026@cluster0.ziljs.mongodb.net/myDB" --collection=Student --type json --file "C:\Users\student\Desktop\output.json"
2025-03-04T15:27:39.894+0530 connected to: mongodb+srv://[**REDACTED**]@cluster0.ziljs.mongodb.net/myDB
2025-03-04T15:27:39.944+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 4 }
2025-03-04T15:27:39.941+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 5 }
2025-03-04T15:27:39.941+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 2 }
2025-03-04T15:27:39.941+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 1 }
2025-03-04T15:27:39.941+0530 0 document(s) imported successfully. 4 document(s) failed to import.

C:\Users\student>mongoimport --uri="mongodb+srv://mohithjaincs22:mohith2026@cluster0.ziljs.mongodb.net/myDB" --collection=Student --type json --file "C:\Users\student\Desktop\output.json"
2025-03-04T15:29:31.415+0530 connected to: mongodb+srv://[**REDACTED**]@cluster0.ziljs.mongodb.net/myDB
2025-03-04T15:29:31.494+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 4 }
2025-03-04T15:29:31.494+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 5 }
2025-03-04T15:29:31.494+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 2 }
2025-03-04T15:29:31.494+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 1 }
2025-03-04T15:29:31.494+0530 4 document(s) imported successfully. 4 document(s) failed to import.

C:\Users\student>mongoimport --uri="mongodb+srv://mohithjaincs22:mohith2026@cluster0.ziljs.mongodb.net/myDB" --collection=Student --type json --file "C:\Users\student\Desktop\output.json"
2025-03-04T15:29:47.641+0530 connected to: mongodb+srv://[**REDACTED**]@cluster0.ziljs.mongodb.net/myDB
2025-03-04T15:29:47.728+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 7 }
2025-03-04T15:29:47.728+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 8 }
2025-03-04T15:29:47.728+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 9 }
2025-03-04T15:29:47.728+0530 continuing through error: E11000 duplicate key error collection: myDB.Student index: _id_dup key: { _id: 6 }
2025-03-04T15:29:47.729+0530 0 document(s) imported successfully. 4 document(s) failed to import.

C:\Users\student>mongoimport --uri="mongodb+srv://mohithjaincs22:mohith2026@cluster0.ziljs.mongodb.net/myDB" --collection=Student --type json --file "C:\Users\student\Desktop\output.json"
2025-03-04T15:30:12.612+0530 connected to: mongodb+srv://[**REDACTED**]@cluster0.ziljs.mongodb.net/myDB
2025-03-04T15:30:12.657+0530 4 document(s) imported successfully. 0 document(s) failed to import.

C:\Users\student>

```

6.0.5

AWS Mumbai (ap-south-1)

[Overview](#)
[Real Time](#)
[Metrics](#)
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[Online Archive](#)
[Cloud Line Tools](#)
[Infrastructure As Code](#)

DATA BASE 1 COLLECTIONS 1

[Visualize Your Data](#)
[Refresh](#)

Create Database

Search Namespaces

myDB

Student

myDB.Student

STORAGE SIZE 5KB

LOGICAL DATA SIZE 84KB

TOTAL DOCUMENTS 12

INDEXES TOTAL SIZE 5KB

[Find](#)
[Indexes](#)
[Schema Auto-Patterns](#)
[Aggregation](#)
[Search Indexes](#)

[Generate queries from natural language in Compass](#)

INSERT DOCUMENT

Filter

Type a query: { Fields: 'value' }

Reset

Apply

Options

QUERY RESULTS: 1-2 OF 12

_id: 1

Student: "Saurav"

Grade: "VII"

Hobbies: "Browsing"

_id: 4

Student: "Saurav"

Grade: "IV"

Hobbies: "Dance"

_id: 5

Student: "Rumar"

Grade: "VII"

Hobbies: "Singing"

_id: 2

Student: "Aryan"

Grade: "IV"

Hobbies: "Sketching"

_id: 6

Student: "Girish"

Expand

Lab-01

Lab 4/8/25
Page 01

- ① Create "student" database and export the created database to local file system

> mongosh

> mongosh "mongodb+srv://cluster0.hebj0.mongodb.net/"
--apiVersion1 --username manvics22

test> use myDB

myDB> db.createcollection("student")

db.student.insert(
 {
 _id: 1,
 studName: "Jonathon",
 Grade: "A",
 Hobbies: "Browsing"});

> db.student.update({studName: "Jonathon"},
 { \$set: {studName: "Gourav"} });

> db.student.find()

>

To export file

> mongoexport --uri="mongodb+srv://manvics22:manvi149@cluster0.hebj0.mongodb.net/myDB"
--collection=student --out "C:\Users\student\Desktop\output.json"

To Import

> mongoimport --uri="mongodb+srv://manvics22:manvi149@cluster0.hebj0.mongodb.net/myDB" --
collection=student --type json --file "C:\Users\student\Desktop\output.json"

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