

## Mongo db

```
mongosh mongodb+srv://<ci> X + v
upsertedCount: 0
}
Atlas atlas-251lob-shard-0 [primary] mydb> db.Students.update({_id:4},{Sunset:{Location:"Network"}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}
Atlas atlas-251lob-shard-0 [primary] mydb> db.Student.find({_id:1},{StudName:1,Grade:1,_id:0});
[ { StudName: 'Michelle', Grade: 'VII' } ]
Atlas atlas-251lob-shard-0 [primary] mydb> db.Student.find({Grade:$ne:'VII'}).pretty();

Atlas atlas-251lob-shard-0 [primary] mydb> db.Students.update({_id:3},{set:{Location:null}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 0,
  modifiedCount: 0,
  upsertedCount: 0
}
Atlas atlas-251lob-shard-0 [primary] mydb> db.Students.count()
0
Atlas atlas-251lob-shard-0 [primary] mydb> db.Students.count({Grade:"VII"})
0
Atlas atlas-251lob-shard-0 [primary] mydb> db.Students.find().sort({StudName:1}).pretty();

Atlas atlas-251lob-shard-0 [primary] mydb> db.Student.count()
2
Atlas atlas-251lob-shard-0 [primary] mydb> db.Student.count({Grade:"VII"})
2
Atlas atlas-251lob-shard-0 [primary] mydb> db.Student.find().sort({StudName:1}).pretty();
[
  { _id: 3, Grade: 'VII', StudName: 'AryanDavid', Hobbies: 'Skating' },
  { _id: 1, StudName: 'Michelle', Grade: 'VII', Hobbies: 'Internet' }
]
Atlas atlas-251lob-shard-0 [primary] mydb> db.food.insert( { _id:1, fruits:['grapes','mango','apple']
...
...
...
Atlas atlas-251lob-shard-0 [primary] mydb> db.Student.drop()
true
Atlas atlas-251lob-shard-0 [primary] mydb> db.Student.insert({RollNo:1,Age:21,Cont:9876,email:"antara.de9@gmail.com"});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('67c6c426548c5d3ce4fa4214') }
}
Atlas atlas-251lob-shard-0 [primary] mydb> db.Student.insert({RollNo:2,Age:22,Cont:9976,email:"anushka.de9@gmail.com"});
{
  acknowledged: true,
```

```

PS C:\Users\student> mongosh "mongodb+srv://cluster0.eljna.mongodb.net/" --apiVersion 1 --username gayatrics22
Enter password: *****
Current Mongosh Log ID: 67d005ea64d671e92efa4213
Connecting to:      mongodb+srv://<credentials>@cluster0.eljna.mongodb.net/?appName=mongosh+2.4.0
Using MongoDB:      8.0.5 (API Version 1)
Using Mongosh:       2.4.0
mongosh 2.4.2 is available for download: https://www.mongodb.com/try/download/shell

For mongosh info see: https://www.mongodb.com/docs/mongosh-shell/

Atlas atlas-Scijqz-shard-0 [primary] test> use mydbs
switched to db mydbs
Atlas atlas-Scijqz-shard-0 [primary] mydbs> db.createCollection("Customers");
{ ok: 1 }
Atlas atlas-Scijqz-shard-0 [primary] mydbs> db.Customers.insert({cust_id:1,Balance:200, Type:"S"});
DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('67d0062164d671e92efa4214') } }
Atlas atlas-Scijqz-shard-0 [primary] mydbs> db.Customers.insert({cust_id:1,Balance:1000, Type:"Z"})
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('67d0062864d671e92efa4215') } }
Atlas atlas-Scijqz-shard-0 [primary] mydbs> db.Customers.insert({cust_id:2,Balance:100, Type:"Z"});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('67d0062c64d671e92efa4216') } }
Atlas atlas-Scijqz-shard-0 [primary] mydbs> db.Customers.insert({cust_id:2,Balance:1000, Type:"C"});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('67d0062f64d671e92efa4217') } }
Atlas atlas-Scijqz-shard-0 [primary] mydbs> db.Customers.insert({cust_id:2,Balance:500, Type:"C"});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('67d0063464d671e92efa4218') } }
Atlas atlas-Scijqz-shard-0 [primary] mydbs> db.Customers.aggregate ({ $match: {Type:"Z"} }, { $group : { _id : "$cust_id", TotAccBal : { $sum: "$Balance" } } }, { $match: { TotAccBal: { $gt: 1200 } } });
Atlas atlas-Scijqz-shard-0 [primary] mydbs> db.Customers.aggregate ({ $group : { _id : "$cust_id", minAccBal : { $min: "$Balance" }, maxAccBal : { $max: "$Balance" } } });
[
  { _id: 2, minAccBal: 100, maxAccBal: 1000 },
  { _id: 1, minAccBal: 200, maxAccBal: 1000 }
]

```

```

mongosh mongodb+srv://<cc> x + v
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('67c6c86b548c5d3ce4fa4216') } }
Atlas atlas-251lob-shard-0 [primary] mydb> db.Student.insert({RollNo:4, Age:20, Cont:4476, email:"pani.de9@gmail.com"});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('67c6c872548c5d3ce4fa4217') } }
Atlas atlas-251lob-shard-0 [primary] mydb> db.Student.insert({RollNo:10, Age:23, Cont:2276, email:"rekha.de9@gmail.com"});
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('67c6c877548c5d3ce4fa4218') } }
Atlas atlas-251lob-shard-0 [primary] mydb> db.Student.find()
[
  {
    _id: ObjectId('67c6c426548c5d3ce4fa4214'),
    RollNo: 1,
    Age: 21,
    Cont: 9576,
    email: 'antara.de9@gmail.com'
  },
  {
    _id: ObjectId('67c6c42f548c5d3ce4fa4215'),
    RollNo: 2,
    Age: 22,
    Cont: 9976,
    email: 'anushka.de9@gmail.com'
  },
  {
    _id: ObjectId('67c6c86b548c5d3ce4fa4216'),
    RollNo: 3,
    Age: 21,
    Cont: 5576,
    email: 'anubhav.de9@gmail.com'
  },
  {
    _id: ObjectId('67c6c872548c5d3ce4fa4217'),
    RollNo: 4,
    Age: 20,
    Cont: 4476,
    email: 'pani.de9@gmail.com'
  },
  {
    _id: ObjectId('67c6c877548c5d3ce4fa4218'),
    RollNo: 10,
    Age: 23,
    Cont: 2276,
    email: 'rekha.de9@gmail.com'
  }
]

```