

```
car_dealership> db.test.insertOne({date:new Date()})
{
  acknowledged: true,
  insertedId: ObjectId('68331d5055c924ce206c4bd5')
}
car_dealership> db.test.find()
[
  {
    _id: ObjectId('68331d5055c924ce206c4bd5'),
    date: ISODate('2025-05-25T13:38:24.220Z')
  }
]
car_dealership> db.test.insertOne({TS:new Timestamp()})
{
  acknowledged: true,
  insertedId: ObjectId('68331d9255c924ce206c4bd6')
}
car_dealership> db.test.find()
[
  {
    _id: ObjectId('68331d5055c924ce206c4bd5'),
    date: ISODate('2025-05-25T13:38:24.220Z')
  },
  {
    _id: ObjectId('68331d9255c924ce206c4bd6'),
    TS: Timestamp({ t: 1748180370, i: 1 })
  }
]
car_dealership> db.cars.deleteMany()
```

MongoshInvalidInputError: [COMMON-10001] Missing required argument at position 0
(Collection.deleteMany)

```
car_dealership> db.cars.insertOne(
... "maker": "Tata",
... .. "model": "Nexon",
... .. "fuel_type": "Petrol",
... .. "transmission": "Automatic",
... .. "engine": {
... .. "type": "Turbocharged",
... .. "cc": 1199,
... .. "torque": "170 Nm"
... .. },
... .. "features": [
... .. "Touchscreen",
... .. "Reverse Camera",
... .. "Bluetooth Connectivity"
... .. ],
... .. "sunroof": false,
... .. "airbags": 2
... .. }
```

Uncaught:

SyntaxError: Unexpected token, expected ",", (2:7)

```
1 | db.cars.insertOne(
> 2 | "maker": "Tata",
    |   ^
3 | ... "model": "Nexon",
4 | ... "fuel_type": "Petrol",
5 | ... "transmission": "Automatic",

car_dealership> db.cars.insertOne(
```

```

... {
  ... "maker": "Tata",
  ... "model": "Nexon",
  ... "fuel_type": "Petrol",
  ... "transmission": "Automatic",
  ... "engine": {
    ... "type": "Turbocharged",
    ... "cc": 1199,
    ... "torque": "170 Nm"
  },
  ... "features": [
    ... "Touchscreen",
    ... "Reverse Camera",
    ... "Bluetooth Connectivity"
  ],
  ... "sunroof": false,
  ... "airbags": 2
  ... }
  ... )
  {
    acknowledged: true,
    insertedId: ObjectId('68331ff555c924ce206c4bd7')
  }
car_dealership> db.cars.findOne()
{
  _id: ObjectId('68330d5855c924ce206c4bd1'),
  maker: 'Hyundai',
  model: 'Creta',
  fuel_type: 'Diesel',
  transmission: 'Manual',
  engine: { type: 'Naturally Aspirated', cc: 1493, torque: '270 nm' },

```

```
features: [  
  'Sunroof',  
  'Leather Seats',  
  'Wireless Charging',  
  'Ventilated Seats',  
  'Bluetooth'  
],  
sunroof: true,  
airbags: 6,  
alloys: 'yes',  
color: 'Blue'  
}  
car_dealership> db.cars.find({"engine.cc":{$gt:1400}})  
[  
  {  
    _id: ObjectId('68330d5855c924ce206c4bd1'),  
    maker: 'Hyundai',  
    model: 'Creta',  
    fuel_type: 'Diesel',  
    transmission: 'Manual',  
    engine: { type: 'Naturally Aspirated', cc: 1493, torque: '270 nm' },  
    features: [  
      'Sunroof',  
      'Leather Seats',  
      'Wireless Charging',  
      'Ventilated Seats',  
      'Bluetooth'  
    ],  
    sunroof: true,  
    airbags: 6,  
    alloys: 'yes',
```

```

    color: 'Blue'
  },
  {
    _id: ObjectId('68330d5855c924ce206c4bd3'),
    maker: 'Mahindra',
    model: 'XUV500',
    fuel_type: 'Diesel',
    transmission: 'Manual',
    engine: { type: 'Turbocharged', cc: 2179, torque: '360 Nm' },
    features: [ 'All-Wheel Drive', 'Navigation System', 'Cruise Control' ],
    sunroof: true,
    airbags: 6,
    alloys: 'yes',
    color: 'Blue'
  }
]
car_dealership> db.cars.find({"engine.cc":{$in:[1498,2179]}})
[
  {
    _id: ObjectId('68330d5855c924ce206c4bd3'),
    maker: 'Mahindra',
    model: 'XUV500',
    fuel_type: 'Diesel',
    transmission: 'Manual',
    engine: { type: 'Turbocharged', cc: 2179, torque: '360 Nm' },
    features: [ 'All-Wheel Drive', 'Navigation System', 'Cruise Control' ],
    sunroof: true,
    airbags: 6,
    alloys: 'yes',
    color: 'Blue'
  }
]

```

```

]
car_dealership> db.cars.find({
... $and:[
... {fuel_type:"Diesel"},
... {"engine.type":"Turbocharged"},
... {"sunroof":true}
... ]
... })
[
{
  _id: ObjectId('68330d5855c924ce206c4bd3'),
  maker: 'Mahindra',
  model: 'XUV500',
  fuel_type: 'Diesel',
  transmission: 'Manual',
  engine: { type: 'Turbocharged', cc: 2179, torque: '360 Nm' },
  features: [ 'All-Wheel Drive', 'Navigation System', 'Cruise Control' ],
  sunroof: true,
  airbags: 6,
  alloys: 'yes',
  color: 'Blue'
}
]
car_dealership> db.cars.find({fuel_type:{$exists:true}})
[
{
  _id: ObjectId('68330d5855c924ce206c4bd1'),
  maker: 'Hyundai',
  model: 'Creta',
  fuel_type: 'Diesel',
  transmission: 'Manual',

```

```
engine: { type: 'Naturally Aspirated', cc: 1493, torque: '270 nm' },
features: [
  'Sunroof',
  'Leather Seats',
  'Wireless Charging',
  'Ventilated Seats',
  'Bluetooth'
],
sunroof: true,
airbags: 6,
alloys: 'yes',
color: 'Blue'
},
{
  _id: ObjectId('68330d5855c924ce206c4bd3'),
  maker: 'Mahindra',
  model: 'XUV500',
  fuel_type: 'Diesel',
  transmission: 'Manual',
  engine: { type: 'Turbocharged', cc: 2179, torque: '360 Nm' },
  features: [ 'All-Wheel Drive', 'Navigation System', 'Cruise Control' ],
  sunroof: true,
  airbags: 6,
  alloys: 'yes',
  color: 'Blue'
},
{
  _id: ObjectId('68331ff555c924ce206c4bd7'),
  maker: 'Tata',
  model: 'Nexon',
  fuel_type: 'Petrol',
```

```
transmission: 'Automatic',
engine: { type: 'Turbocharged', cc: 1199, torque: '170 Nm' },
features: [ 'Touchscreen', 'Reverse Camera', 'Bluetooth Connectivity' ],
sunroof: false,
airbags: 2
}
]
```

```
car_dealership> db.cars.find({color:{$exista:true}})
MongoServerError[BadValue]: unknown operator: $exista
```

```
car_dealership> db.cars.find({color:{$exists:true}})
[
  {
    _id: ObjectId('68330d5855c924ce206c4bd1'),
    maker: 'Hyundai',
    model: 'Creta',
    fuel_type: 'Diesel',
    transmission: 'Manual',
    engine: { type: 'Naturally Aspirated', cc: 1493, torque: '270 nm' },
    features: [
      'Sunroof',
      'Leather Seats',
      'Wireless Charging',
      'Ventilated Seats',
      'Bluetooth'
    ],
    sunroof: true,
    airbags: 6,
    alloys: 'yes',
    color: 'Blue'
  },
  {
```



```
_id: ObjectId('68330d5855c924ce206c4bd3'),
maker: 'Mahindra',
model: 'XUV500',
fuel_type: 'Diesel',
transmission: 'Manual',
engine: { type: 'Turbocharged', cc: 2179, torque: '360 Nm' },
features: [ 'All-Wheel Drive', 'Navigation System', 'Cruise Control' ],
sunroof: true,
airbags: 6,
alloys: 'yes',
color: 'Blue'
}
]
```

```
car_dealership> db.cars.find({model:{$type:"int"}})
```

```
car_dealership> db.cars.find({features:{$size:5}})
```

```
[
{
  _id: ObjectId('68330d5855c924ce206c4bd1'),
  maker: 'Hyundai',
  model: 'Creta',
  fuel_type: 'Diesel',
  transmission: 'Manual',
  engine: { type: 'Naturally Aspirated', cc: 1493, torque: '270 nm' },
  features: [
    'Sunroof',
    'Leather Seats',
    'Wireless Charging',
    'Ventilated Seats',
    'Bluetooth'
  ],
}
```

```
sunroof: true,
airbags: 6,
alloys: 'yes',
color: 'Blue'
}
]
car_dealership> db.cars.find({features:{$all:["Bluetooth"]}})
[
{
  _id: ObjectId('68330d5855c924ce206c4bd1'),
  maker: 'Hyundai',
  model: 'Creta',
  fuel_type: 'Diesel',
  transmission: 'Manual',
  engine: { type: 'Naturally Aspirated', cc: 1493, torque: '270 nm' },
  features: [
    'Sunroof',
    'Leather Seats',
    'Wireless Charging',
    'Ventilated Seats',
    'Bluetooth'
  ],
  sunroof: true,
  airbags: 6,
  alloys: 'yes',
  color: 'Blue'
}
]
car_dealership>
```