

# Part 1

1. Create three more users of your choosing, using the `insertOne()` query, and add them to the `appusers` collection.

- Include at least the `firstName`, `lastName`, and `age` fields. Feel free to also include any other fields you think would be useful data for an app user.

## Caution!

Please take a screenshot of each query you run (since you are inserting each user one-by-one using `insertOne()`, you will run at least three queries) and save it to your `NoSQL-HandsOn1` text document.

2. Next, run a basic `find()` query to see all of your documents within your database through the Mongo Shell.

```
"acknowledged" : true,
"insertedIds" : [
  ObjectId("60eb274b42307ddea4fe851e"),
  ObjectId("60eb274b42307ddea4fe851f"),
  ObjectId("60eb274b42307ddea4fe8520")
]
mongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.appusers.insertOne({lastName: "Gower", firstName: "Kendra", age: 25})

"acknowledged" : true,
"insertedId" : ObjectId("60eb283642307ddea4fe8521")
mongoDB Enterprise atlas-m0100e-shard-0:PRIMARY>
```

User 1: `db.appusers.insertOne({lastName: "Gower", firstName: "Kendra", age: 25})`

```
"acknowledged" : true,
"insertedIds" : [
  ObjectId("60eb274b42307ddea4fe851e"),
  ObjectId("60eb274b42307ddea4fe851f"),
  ObjectId("60eb274b42307ddea4fe8520")
]
mongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.appusers.insertOne({lastName: "Gower", firstName: "Kendra", age: 25})

"acknowledged" : true,
"insertedId" : ObjectId("60eb283642307ddea4fe8521")
mongoDB Enterprise atlas-m0100e-shard-0:PRIMARY> db.appusers.insertOne({lastName: "Schnoes", firstName: "Paul", age: 30})

"acknowledged" : true,
"insertedId" : ObjectId("60eb289942307ddea4fe8522")
mongoDB Enterprise atlas-m0188e-shard-0:PRIMARY>
```

User 2: `db.appusers.insertOne({lastName: "Schnoes", firstName: "Paul", age: 30})`

```
Command Prompt - mongo "mongodb+srv://clint01gymwz.mongodb.net/myFirstDatabase?--username dbuser"

    "acknowledged" : true,
    "insertedIds" : [
      ObjectId("60eb274b42307dbea4fe851e"),
      ObjectId("60eb274b42307dbea4fe851f"),
      ObjectId("60eb274b42307dbea4fe8520")
    ]
  }

MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.appusers.insertOne({lastName: "Gower", firstName: "Kendra", age: 25})

    "acknowledged" : true,
    "insertedId" : ObjectId("60eb283642307dbea4fe8521")
  }

MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.appusers.insertOne({lastName: "Schnoes", firstName: "Paul", age: 30})

    "acknowledged" : true,
    "insertedId" : ObjectId("60eb289942307dbea4fe8522")
  }

MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.appusers.insertOne({lastName: "Schnoes", firstName: "Robert", age: 22})

    "acknowledged" : true,
    "insertedId" : ObjectId("60eb290742307dbea4fe8523")
  }

MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY>
```

User 3: db.appusers.insertOne({lastName: "Schnoes", firstName: "Robert", age: 22})

```
MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.appusers.insertOne({lastName: "Gower", firstName: "Kendra", age: 25})
{
  "acknowledged" : true,
  "insertedId" : ObjectId("60eb283642307dbea4fe8521")
}

MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.appusers.insertOne({lastName: "Schnoes", firstName: "Paul", age: 30})
{
  "acknowledged" : true,
  "insertedId" : ObjectId("60eb289942307dbea4fe8522")
}

MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.appusers.insertOne({lastName: "Schnoes", firstName: "Robert", age: 22})
{
  "acknowledged" : true,
  "insertedId" : ObjectId("60eb290742307dbea4fe8523")
}

MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.appusers.find({})
{ "_id" : 1, "lastName" : "Pumpnickel", "firstName" : "Georgina", "middleName" : "Sasquatch", "age" : 27, "gender" : "F" }
{ "_id" : 2, "lastName" : "Wilson", "firstName" : "Coderboy", "age" : 18, "favoriteColor" : "blue" }
{ "_id" : ObjectId("60eb266d42307dbea4fe851b"), "lastName" : "Anstruther", "firstName" : "Jimmy", "age" : 21 }
{ "_id" : ObjectId("60eb266d42307dbea4fe851c"), "lastName" : "Stevens", "firstName" : "Amelia", "age" : 28 }
{ "_id" : ObjectId("60eb266d42307dbea4fe851d"), "lastName" : "Hopkins", "firstName" : "Fred", "age" : 35, "favoriteColor" : "Green" }
{ "_id" : ObjectId("60eb283642307dbea4fe8521"), "lastName" : "Gower", "firstName" : "Kendra", "age" : 25 }
{ "_id" : ObjectId("60eb289942307dbea4fe8522"), "lastName" : "Schnoes", "firstName" : "Paul", "age" : 30 }
{ "_id" : ObjectId("60eb290742307dbea4fe8523"), "lastName" : "Schnoes", "firstName" : "Robert", "age" : 22 }
MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY>
```

Find: db.appusers.find({})

## Part 2

1. Create a new collection within your database through Atlas.

- This new collection should be named `cars`.
- 2. Insert five cars into this collection using the `insertMany()` query.
  - Include the following fields: `make`, `model`, `color`, `year`, `fourDoor`, and `fourWheelDrive`.
    - The last two fields, `fourDoor` and `fourWheelDrive`, should be of type Boolean (i.e. true or false). `{ "sale": true }`
- 3. Once that is done, run a `find()` query to see your newly created documents.
- 4. Lastly, return to Atlas and view your collection and documents there.

Create new collection through Atlas

Close (X)

## Create Database

Database name ⓘ

myFirstDatabase

Collection name ⓘ

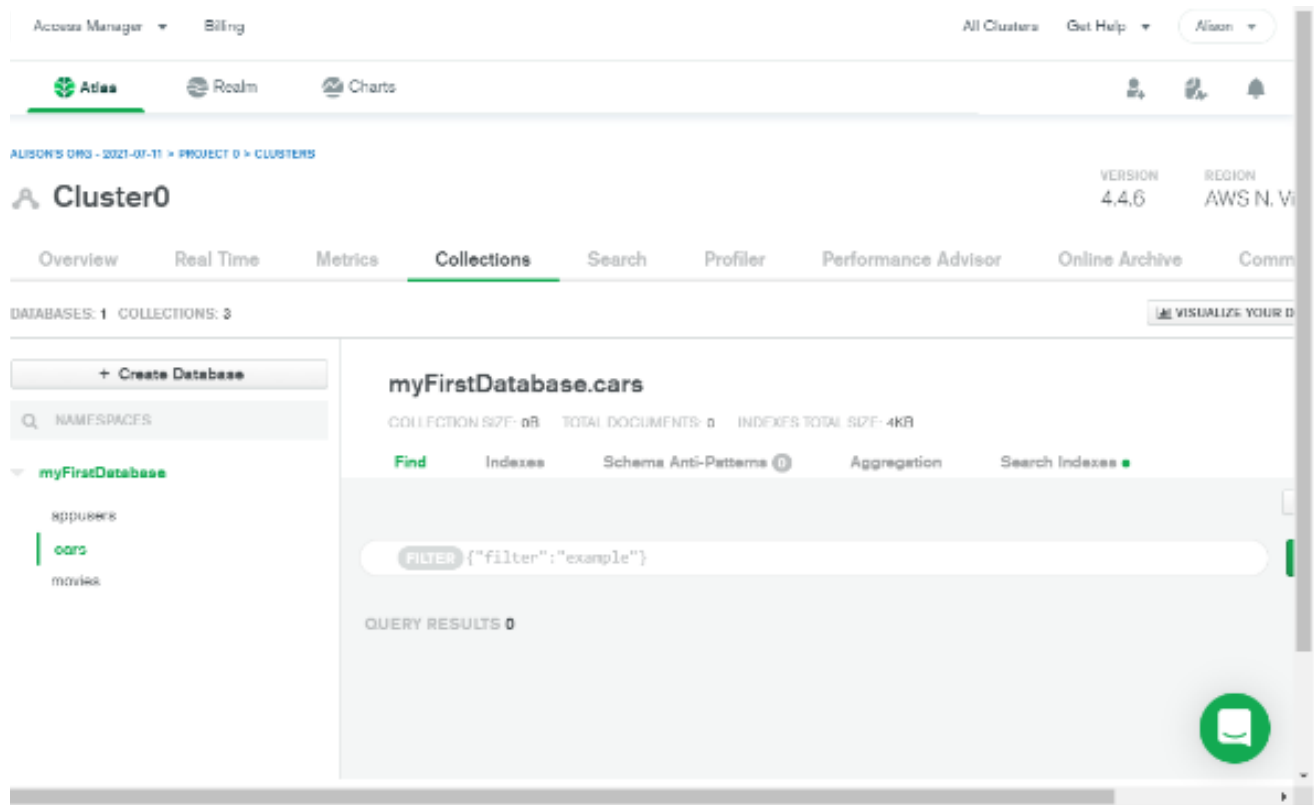
cars

☐ Capped Collection

Before MongoDB can save your new database, a collection name must be specified at the time of creation.

Cancel Create

FILTER {"filter": "example"}



```
db.cars.insertMany([{"make": "Jeep", model: "Wrangler", color: "Black", year: "1941", fourdoor: false, fourwheeldrive: true}, {"make": "Jaguar", model: "XE", color: "Green", year: "2015", fourdoor: true, fourwheeldrive: false}, {"make": "Honda", model: "Accord", color: "Red", year: "1976", fourdoor: true, fourwheeldrive: false}, {"make": "Ford", model: "Taurus", color: "white", year: "1997", fourdoor: true, fourwheeldrive: false}, {"make": "Nissan", model: "Pathfinder", color: "Silver", year: "2022", fourdoor: true, fourwheeldrive: false}])
```

```
Command Prompt - mongo "mongodb+srv://cluster0.gymwz.mongodb.net/myFirstDatabase?--username=dbuser"
@shell>1:108
MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.cars.insertMany([{"make": "Jeep", "model": "Wrangler", "color": "Black", "year": 1941, "fourdoor": "False", "fourwheeldrive": "True"}, {"make": "Jaguar", "model": "XE", "color": "Green", "year": 2015, "fourdoor": "True", "fourwheeldrive": "False"}, {"make": "Honda", "model": "Accord", "color": "Red", "year": 1976, "fourdoor": "True", "fourwheeldrive": "False"}, {"make": "Ford", "model": "Taurus", "color": "White", "year": 1997, "fourdoor": "True", "fourwheeldrive": "False"}, {"make": "Nissan", "model": "Pathfinder", "color": "Silver", "year": 2022, "fourdoor": "True", "fourwheeldrive": "False"}])
uncaught exception: SyntaxError: missing } after property list :
@shell>1:209
MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.cars.insertMany([{"make":
...
...
MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.cars.insertMany([{"make": "Jeep", "model": "Wrangler", "color": "Black", "year": "
1941", "fourdoor": false, "fourwheeldrive": true}, {"make": "Jaguar", "model": "XE", "color": "Green", "year": "2015", "fourdoor": true, "fourwheeldrive": false}, {"make": "Honda", "model": "Accord", "color": "Red", "year": "1976", "fourdoor": true, "fourwheeldrive": false}, {"make": "Ford", "model": "Taurus", "color": "White", "year": "1997", "fourdoor": true, "fourwheeldrive": false}, {"make": "Nissan", "model": "Pathfinder", "color": "Silver", "year": "2022", "fourdoor": true, "fourwheeldrive": false}])
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("60eb347142387dbee4fe8524"),
    ObjectId("60eb347142387dbee4fe8525"),
    ObjectId("60eb347142387dbee4fe8526"),
    ObjectId("60eb347142387dbee4fe8527"),
    ObjectId("60eb347142387dbee4fe8528")
  ]
}
MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY>
```

```
Command Prompt - mongo "mongodb+srv://cluster0.gymwz.mongodb.net/myFirstDatabase?--username=dbuser"
...
MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.cars.insertMany([{"make": "Jeep", "model": "Wrangler", "color": "Black", "year": "
1941", "fourdoor": false, "fourwheeldrive": true}, {"make": "Jaguar", "model": "XE", "color": "Green", "year": "2015", "fourdoor": true, "fourwheeldrive": false}, {"make": "Honda", "model": "Accord", "color": "Red", "year": "1976", "fourdoor": true, "fourwheeldrive": false}, {"make": "Ford", "model": "Taurus", "color": "White", "year": "1997", "fourdoor": true, "fourwheeldrive": false}, {"make": "Nissan", "model": "Pathfinder", "color": "Silver", "year": "2022", "fourdoor": true, "fourwheeldrive": false}])
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("60eb347142387dbee4fe8524"),
    ObjectId("60eb347142387dbee4fe8525"),
    ObjectId("60eb347142387dbee4fe8526"),
    ObjectId("60eb347142387dbee4fe8527"),
    ObjectId("60eb347142387dbee4fe8528")
  ]
}
MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY> db.cars.find({})
{ "_id" : ObjectId("60eb347142387dbee4fe8524"), "make" : "Jeep", "model" : "Wrangler", "color" : "Black", "year" : "1941", "fourdoor" : false, "fourwheeldrive" : true }
{ "_id" : ObjectId("60eb347142387dbee4fe8525"), "make" : "Jaguar", "model" : "XE", "color" : "Green", "year" : "2015", "fourdoor" : true, "fourwheeldrive" : false }
{ "_id" : ObjectId("60eb347142387dbee4fe8526"), "make" : "Honda", "model" : "Accord", "color" : "Red", "year" : "1976", "fourdoor" : true, "fourwheeldrive" : false }
{ "_id" : ObjectId("60eb347142387dbee4fe8527"), "make" : "Ford", "model" : "Taurus", "color" : "White", "year" : "1997", "fourdoor" : true, "fourwheeldrive" : false }
{ "_id" : ObjectId("60eb347142387dbee4fe8528"), "make" : "Nissan", "model" : "Pathfinder", "color" : "Silver", "year" : "2022", "fourdoor" : true, "fourwheeldrive" : false }
MongoDB Enterprise atlas-m0188e-shard-0:PRIMARY>
```

db.cars.find({})

Alison's Org - 2021-...

Access Manager

Billing

All Clusters

Get Help

Alison

Project 0

Atlas

Realm

Charts

DATA STORAGE

Clusters

Triggers

Data Lake

SECURITY

Database Access

Network Access

Advanced

ALISON'S ORG - 2021-07-11 > PROJECT 0 > CLUSTERS

Cluster0

VERSION 4.4.6

REGION AWS N. V.

Overview

Real Time

Metrics

Collections

Search

Profiler

Performance Advisor

Online Archive

Comm

DATABASES: 1

COLLECTIONS: 3

VISUALIZE YOUR D

+ Create Database

NAMESPACES

myFirstDatabase

appusers

cars

movies

myFirstDatabase.cars

COLLECTION SIZE: 5MB

TOTAL DOCUMENTS: 5

INDEXES TOTAL SIZE: 20KB

Find

Indexes

Schema Anti-Patterns

Aggregation

Search Indexes

FILTER {"filter": "example"}

QUERY RESULTS 1-5 OF 5

```
{
  "_id": ObjectId("60eb34714230d5c04f20524"),
  "make": "jeep",
  "model": "wrangler",
  "color": "black",
  "year": "2004",
  "fourdoor": false
}
```