

Using Atlas & Compass as an interface to Mongodb Atlas

Last amended: 26th Nov, 2025
Myfolder: Ubuntu_kibana VM=>/home/ashok/Documents/mongodb//mongodb atlas
My folder: D:\Documents\OneDrive\Documents\mongodb
GitHub Repository link: [Databases](#)

Notes:

1. For Mongodb Atlas , ALWAYS use Google Chrome and NOT Firefox.
 2. Complete Help of MongoDB Atlas Charts is available at [this link](#). See **the left panel** of this help.
 3. Data can be imported into Atlas using Mongodb Compass. Compass is installable on Windows
- *****

1. Install MongoDB Compass on Windows or Mac, as the case maybe. Download from [this link](#) and install. Installation is straight forward.
2. See this [YouTube video](#) for working in Compass.
3. When Compass starts, an Add New Connection button appears for it to be connected to MongoDB server. We will connect it to MongoDB atlas.
4. In Chrome, reach MongoDB Atlas and log into it using a Google Account.
5. Go to [this link](#) to register yourself with MongoDB Atlas and follow the simple steps

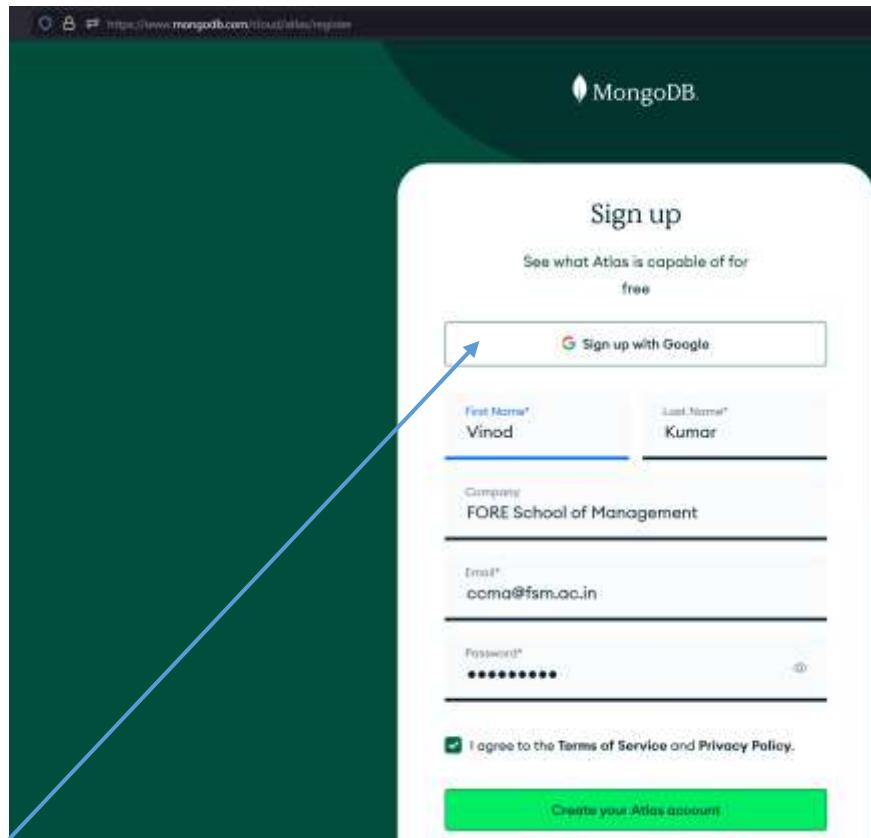


Figure 1: Sign in with your google account OR Write your name. You must write **FORE School of Management**. Specify your emailid and password.

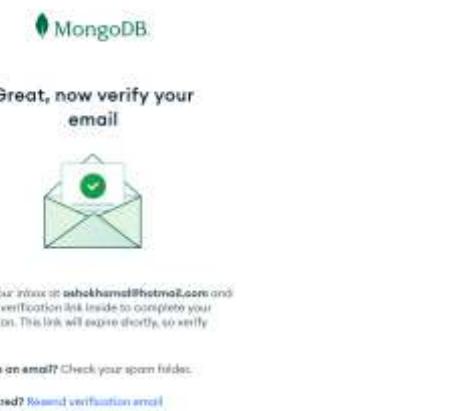


Figure 2: If you did not login with Google Account, then, verify your email. After verification, you are taken to login screen.

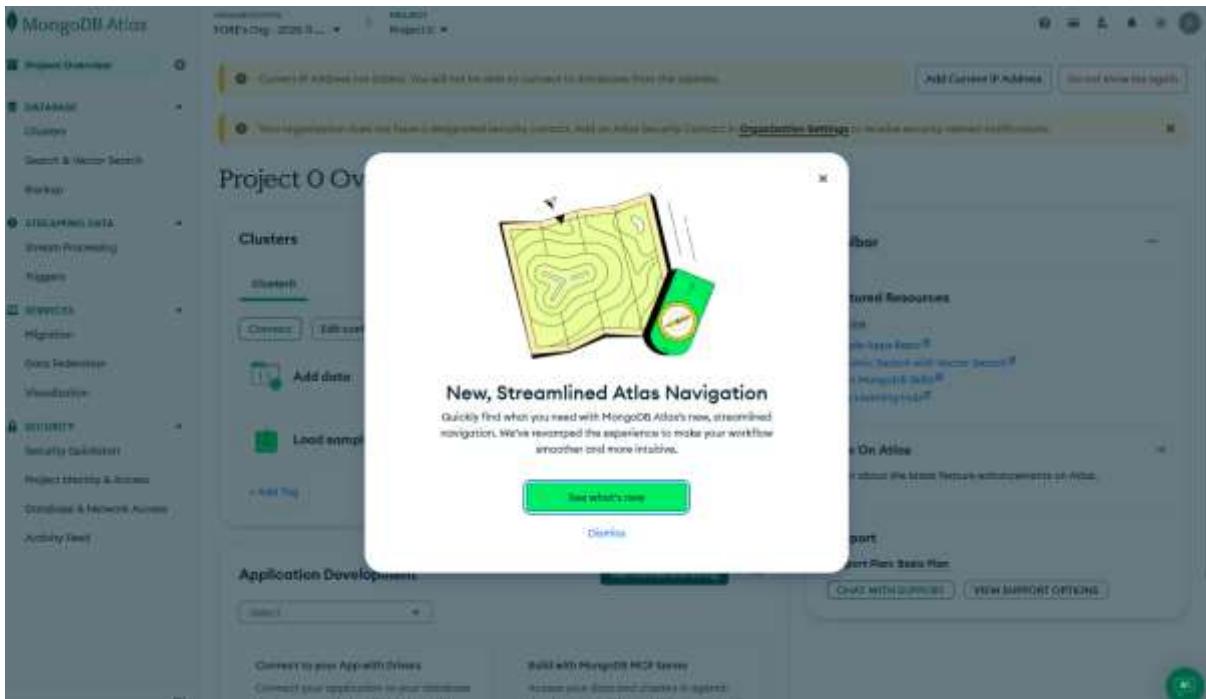


Figure 3: Click Dismiss



Enable your multi-factor authentication methods

Secure your account across MongoDB

Secure your MongoDB account across MongoDB Atlas, University, Community, and Support with Multi-Factor-Authentication (MFA). Setting up MFA will help reduce risks from outside threats to your account. [Learn More](#)

Setup Backup MFA Methods

In addition, you will also be setting up an additional method in this setup. This is a precaution in the case you lose access to your first MFA enabled device and to avoid being locked out.

[Set up now](#)

[Remind me later](#)

Figure 4: Again, if you did not login with Google account, do not enable Multi-factor authentication. click '**Remind me later**'

6. Cluster creation in Atlas

In atlas, we need to create a cluster first. By default, cluster is named as *Cluster0*. Do not try to change the name.

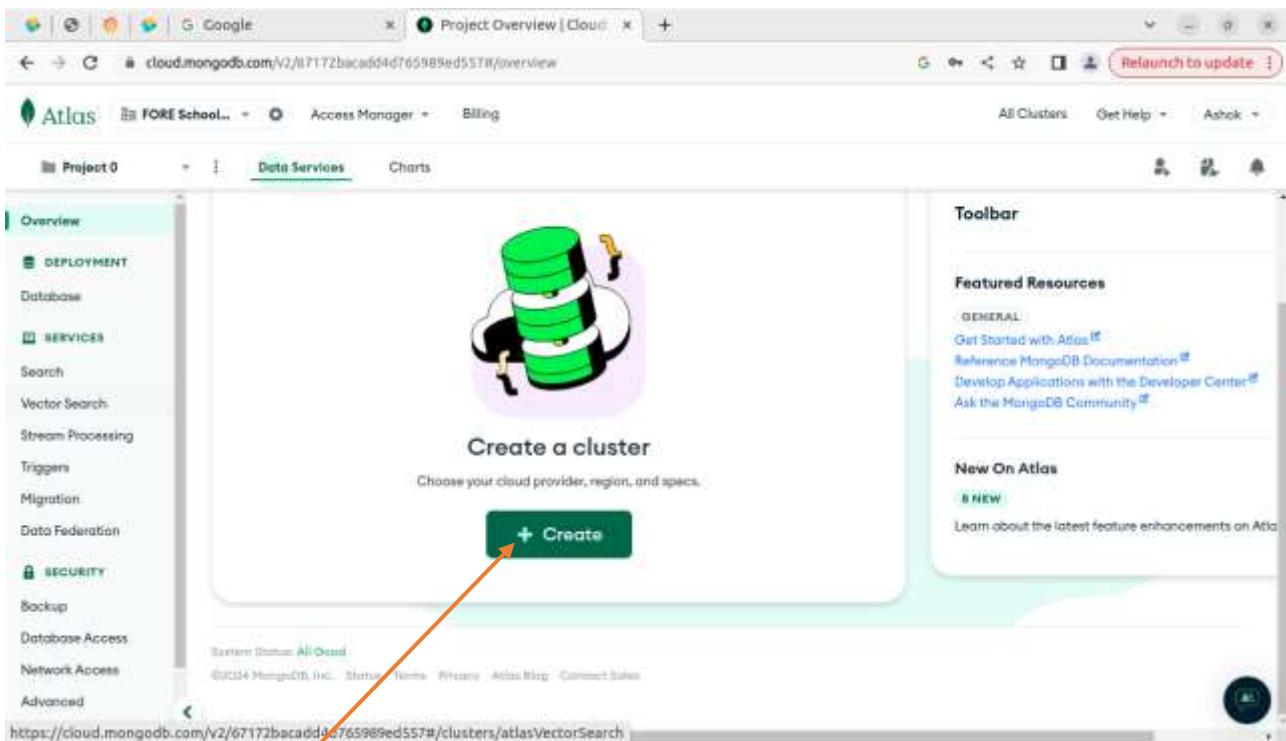


Figure 5: Click on *Create a Cluster* button, if cluster is *NOT* already created.

7. Cluster Deployment

For cluster deployment, there are a number of options. We will select the last one, i.e. the free option. Under this option, we can have a max data of 500mb.

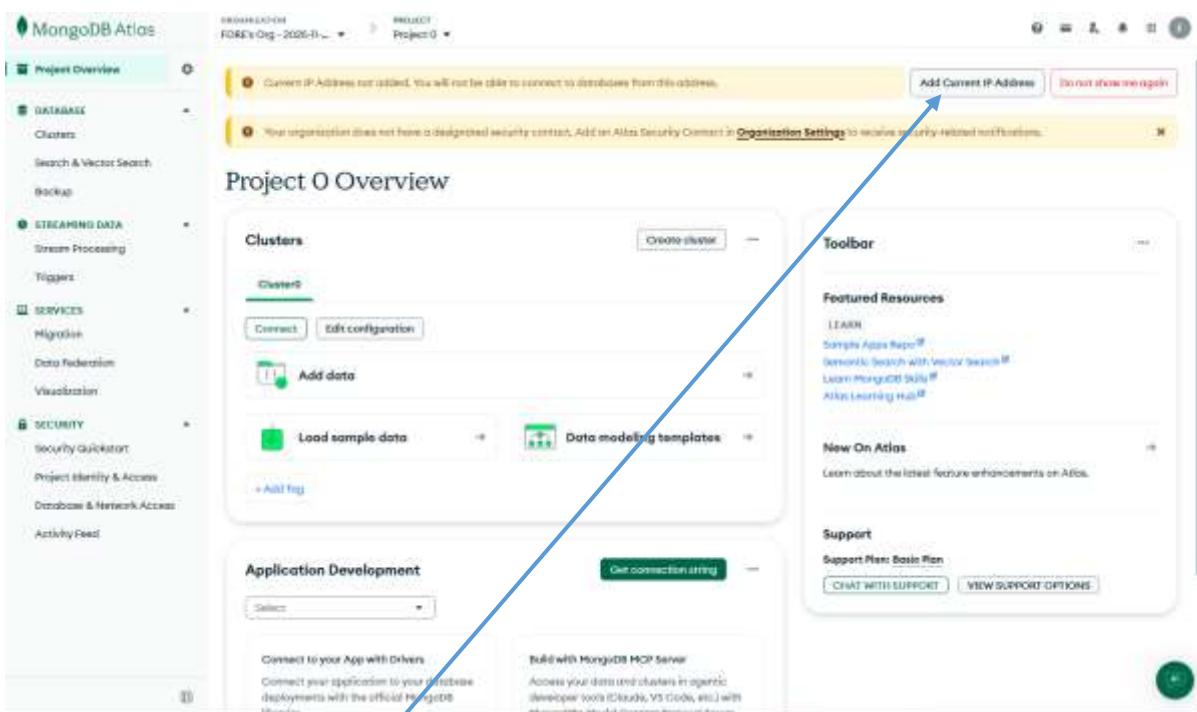


Figure 6: Click the button '**Add current IP address**' so that you can work from your ***current location***. If you intend to work ***from another location***, that IP Address will also have to be added.

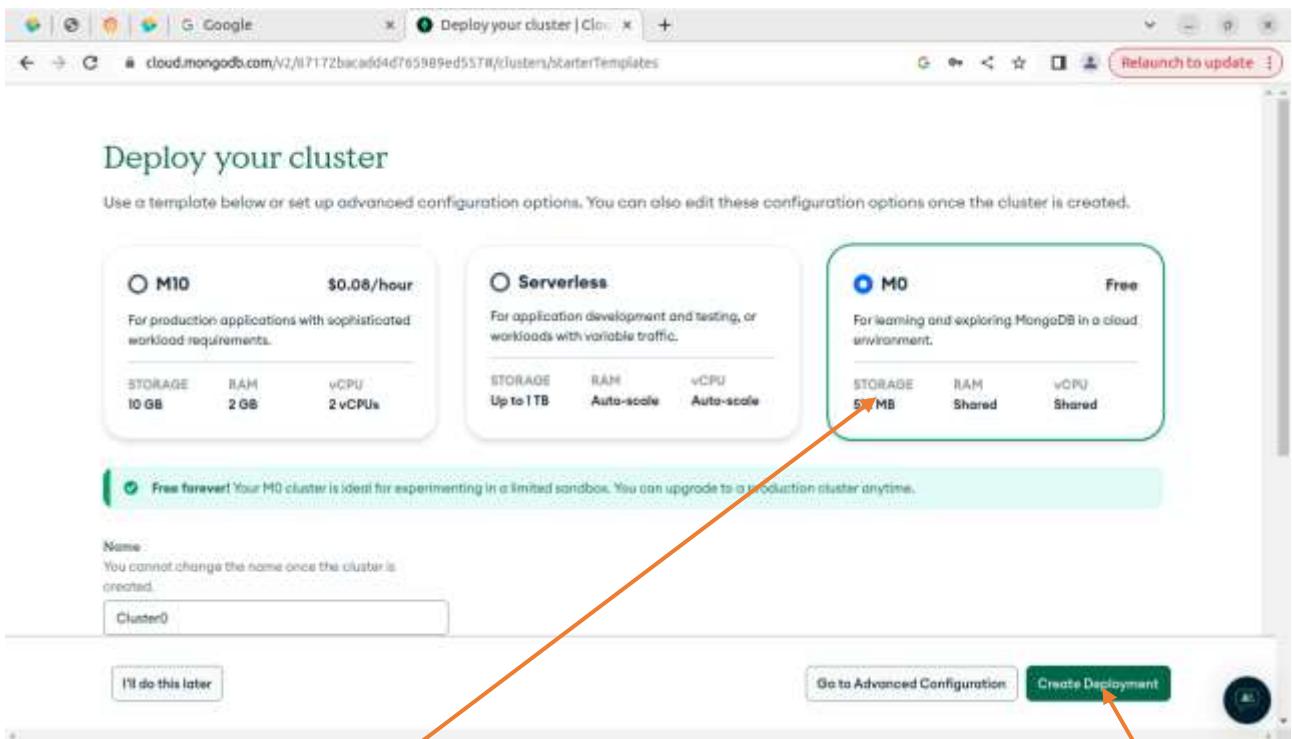


Figure 7: Select the free option M0 and accept all other default options. Click 'Create Deployment' button

8. Database User Creation

Database user is different from the user with which you logged into Atlas. A database user creation and allocating him proper role are a must. Keep your user password simple to remember; Recommended password: *ashok*. This user should be assigned *atlasAdmin* role. You will be able to create/drop a database in *Compass*, only if you have *atlasAdmin* role. See figures below on user creation:

The screenshot shows the MongoDB Atlas interface. On the left, there's a navigation sidebar with sections like Project Overview, DATABASE, STREAMING DATA, SERVICES, SECURITY, and Database & Network Access. The Database & Network Access section is highlighted with an orange arrow pointing towards the main content area. The main content area displays a cluster named 'Cluster0' with options to 'Connect' or 'Edit config', and a 'Browse collections' button. Below this is the 'Application Development' section, which includes a search bar with 'Python' typed into it and a 'Search' button.

Figure 8: Database user creation. On the left panel click **Database and Network Access..**

This screenshot shows the 'Database Users' page within the MongoDB Atlas interface. The left sidebar has sections for Database & Network Access, Database Access (with 'Database Users' selected), Custom Roles, Network Access, IP Access List, Peering, Private Endpoint, and Advanced. The main table lists one database user: 'User_id: A_gustam', 'Description: ', 'Authentication Method: SCRAM', 'MongoDB Roles: atlasAdmin:clusterAdmin', 'Resources: All resources', and 'Actions' with 'EDIT' and 'DELETE' buttons. An orange arrow points from the 'Database Access' section in the sidebar to the 'ADD NEW DATABASE USER' button at the top right of the table.

Figure 9: Click on **Add a New Database User**. You are asked to create a database user. Do it. Keep the password simple.

Add New Database User

Create a database user to grant an application or user access to databases and collections in your clusters in this project. Granular access control can be configured with default privileges or custom roles. You can grant access to project or organization using the corresponding [Access Manager](#)

Authentication Method



MongoDB uses [SCRAM](#) as its default authentication method.

Password Authentication

The screenshot shows a form for entering a password. It includes a text input field containing 'ashokharnal', a 'SHOW' link, and two buttons: 'Autogenerate Secure Password' and 'Copy'. An orange arrow points from the text 'Name the user and his password' to the password input field.

User Description

Add an optional description to your user.

Admin user

Figure 10: Select the Password method of login, name the user and his password, write User Description and select a role (see below figure)

User Description

Add an optional description to your user.

Admin user

Database User Privileges

Configure role based access control by assigning database user a mix of one built-in role, multiple custom roles, and multiple specific privileges. A user will gain access to all actions within the roles assigned to them, not just the actions those roles share in common. You must choose at least one role or privilege. [Learn more about roles.](#)

Built-in Role
Select one [built-in role](#) for this user.

Atlas admin

Custom Roles
Select your [pre-defined custom role\(s\)](#). Create a custom role in the [Custom Roles](#) tab.

Specific Privileges
Select multiple privileges and what database and collection they are associated with. Leaving collection blank will grant this role for all collections in the database.

Figure 11: In the same window as above, select role as Atlas admin role. This is very important.

| User | Description | Authentication Method | MongoDB Roles | Resources | Actions |
|----------|-------------|-----------------------|------------------|---------------|---|
| atokhmal | Admin user | SCRAM | atlasAdmin@admin | All Resources | EDIT DELETE |
| govt0m | | SCRAM | atlasAdmin@admin | All Resources | EDIT DELETE |

Figure 12: Two users are here with *atlasAdmin* roles. You can click on Edit button to amend roles, if required.

9. IP access list

IP access list is important. You can access your project only from the listed IPs.

| IP Address | Comment | Status | Actions |
|--|---|--------|---|
| 102.72.89.0/24/32 (includes your current IP address) | | Active | EDIT DELETE |
| 102.72.89.0/32 | Created as part of the Auto Setup process | Active | EDIT DELETE |

Figure 13: You can work in Atlas only from these listed IPs. If you change your working place, Add that IP also. This done, click on Clusters on the left panel to reach below.

10. Back to our Cluster

| Version | Hosts | TTL | BACKUPS | LINKED API SERVICES | ATLAS FILE | ATLAS SEARCH |
|---------|---------------------------|-----|----------|---------------------|------------|--------------|
| v0.0.16 | AWS / Mumbai (ap-south-1) | 30m | Inactive | None | Linked | Connect |

Figure 14: Click on Clusters on the left panel to reach here. This page gives a brief overview of cluster0 resource utilization. Then click Connect button, a Window will open (see figure below).

11. Getting Connection string (Connection URL) for Compass

We have to get URL for Compass on Windows to connect to Atlas on Cloud. Compass provides an excellent interface to many tasks in Atlas cloud. First, ensure that Compass is started. Then, back in Atlas, in the Connect window proceed as below:

Connect to Cluster0



Set up connection security



Choose a connection method



Connect

Connect to your application



Drivers

Access your Atlas data using MongoDB's native drivers (e.g. Node.js, Go, etc.)



Access your data through tools



Compass

Explore, modify, and visualize your data with MongoDB's GUI



Shell

Quickly add & update data using MongoDB's Javascript command-line interface



MongoDB for VS Code

Work with your data in MongoDB directly from your VS Code environment



Atlas SQL

Easily connect SQL tools to Atlas for data analysis and visualization



Model Context Protocol (MCP) Server

Access your data in agentic developer tools (Claude, Cursor, VS Code, Windsurf)



[Go Back](#)

[Close](#)

Figure 15: In the Connect window, click on Compass method of connection

Connect to Cluster0



Connecting with MongoDB Compass

I don't have MongoDB Compass installed

I have MongoDB Compass installed

1. Select your operating system and download MongoDB Compass

Ubuntu 64-bit (20.04+)

[Download Compass \(1.48.2\)](#)

or

[Copy download URL](#)

Compass is an interactive tool for querying, optimizing, and analyzing your MongoDB data.

2. Copy the connection string, then open MongoDB Compass

Use this connection string in your application

mongodb+srv://<db_username>:<db_password>@cluster0.hzcbfrs.mongodb.net/

Replace **<db_password>** with the password for the **<db_username>** user. Ensure any options are URL encoded. ↗
You can edit your database user password in Database Access. ↗

RESOURCES

[Connect with Compass](#) ↗
[Access your Database Users](#) ↗

[Import and Export Data](#) ↗
[Troubleshoot Connections](#) ↗

Go Back Done

Figure 16: Forget, Step 1, as your Compass is already installed. Come to Step 2 and copy the connection string to notepad. In the notepad, in the connection string, you have to replace db_username and its password with actuals (read below).

Here is the modified connection string:

Original Copied one

mongodb+srv://<db_username>:<db_password>@cluster0.hzcbfrs.mongodb.net/

Modified one

mongodb+srv://ashokharnal:Gautam*8@cluster0.hzcbfrs.mongodb.net/

12. In Compass: Connect compass and create Database

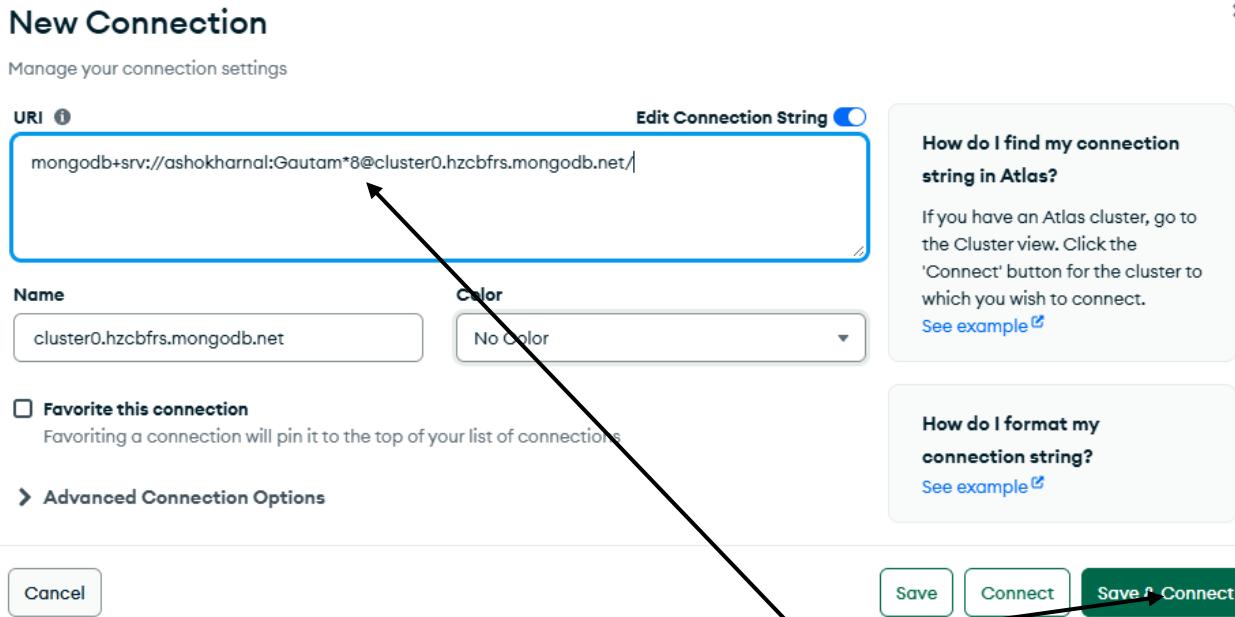


Figure 17: In Compass, click Add new connection and supply the connection URL (overwrite any other connection url). Click Save and Connect. Compass should now connect with Atlas.

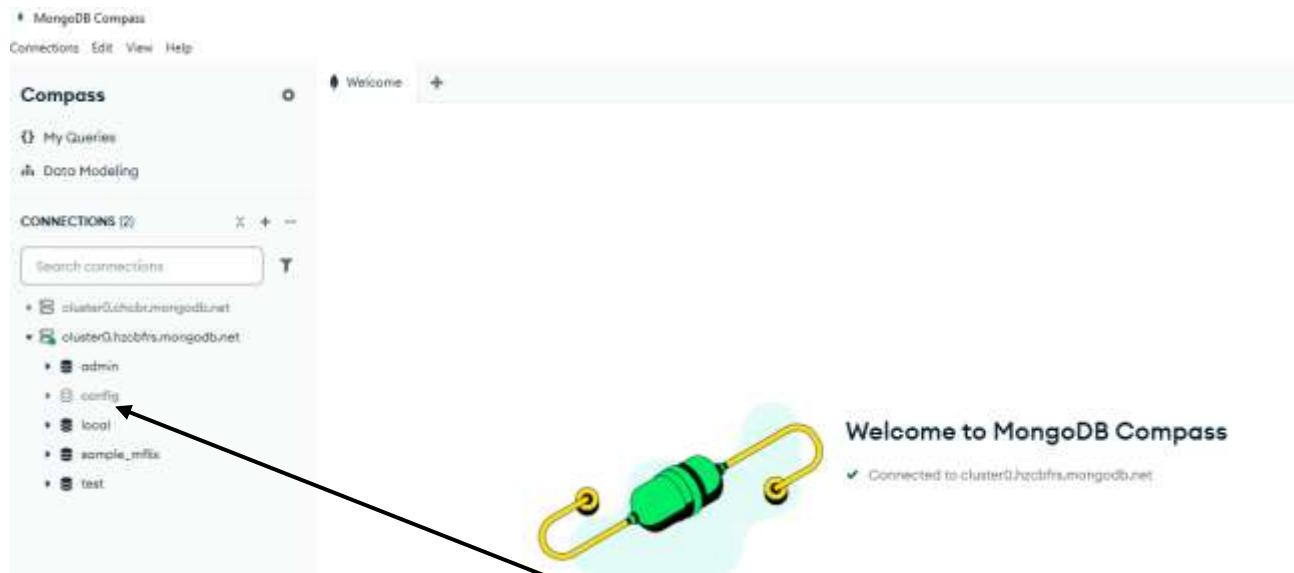


Figure 18: After connection, we get some new objects coming into Compass from Atlas. Your objects may be different.

At times Compass does not connect to Atlas. Here are some hints to problems:

Solving Compass Atlas Connection String problems

1. Check database user privileges under Data Access page
Should be '*atlasAdmin*'
2. Check database user password or better change it
under Data Access page
3. Under Network Access tab, permit connections from all IPs.

4. Check your firewall/ant-virus software
5. Lastly, create a login account from a different email.



Figure 19: To create a database and within it a collection, click on this + sign against the connection name to create a database in Compass (See fig below).

13. Create Database in Compass

A database in MongoDB may have a number of collections. Collections are akin to tables in SQL databases.

Create Database

Database Name
healthcare

Collection Name
cardiacHealth

Time-Series
Time-series collections efficiently store sequences of measurements over a period of time. [Learn More ↗](#)

➤ **Additional preferences** (e.g. Custom collation, Clustered collections)

Cancel Create Database

Figure 20: Name your database and collection and click Create Database button.

14. Compass: Importing data into Collection

You can import into MongoDB collection, any csv file or any json file.

The screenshot shows the MongoDB Compass interface. In the top left, it says "MongoDB Compass - cluster0.firebaseio.mongodb.net/healthcare/cardiacHealth". The top menu includes "Connections", "Edit", "View", "Collection", and "Help". On the left, there's a sidebar titled "Compass" with sections for "My Queries" and "Data Modeling". Below that is "CONNECTIONS (2)". The main area shows a tree view of databases: "cluster0.firebaseio.mongodb.net" (with "admin", "locating", "healthcare" (selected), "local", "sample_mflix", and "test" nodes) and "cluster0.firebaseio.mongodb.net" (with "admin", "locating", "cardiacHealth" node). The right side of the interface shows the "cardiacHealth" collection under "Documents". It displays a message: "This collection has no data. It only takes a few seconds to import data from a JSON or CSV file." At the bottom right of this section is a green "Import data" button, which is highlighted by a black arrow pointing towards it.

Figure 21: Click Import Data button to import any csv file or JSON file in the Collection cardiacHealth.

The screenshot shows the "Import" dialog for the "cardiacHealth" collection. At the top, it says "To collection healthcare.cardiacHealth". The "Import file" field contains "healthcare_dataset.csv" with a pencil icon. Under "Options", "Select delimiter" is set to "Comma" and "Ignore empty strings" is checked, while "Stop on errors" is unchecked. Below this is a section titled "Specify Fields and Types" with a link "Learn more about data types". It lists fields: Name (String), Age (Int32), Gender (String), Blood Type (String), Medical Condition (String), and Date of (Date). The table below shows four rows of sample data:

| Name | Age | Gender | Blood Type | Medical Condition | Date of |
|---------------|-----|--------|------------|-------------------|------------|
| Bobby JacksOn | 30 | Male | B- | Cancer | 2024-01-31 |
| LesLie TErRy | 62 | Male | A+ | Obesity | 2019-08-20 |
| DaNnY sMitH | 76 | Female | A- | Obesity | 2022-09-22 |
| andrEw waTtS | 28 | Female | O+ | Diabetes | 2020-11-18 |

At the bottom right of the dialog are "Cancel" and "Import" buttons, with a blue arrow pointing towards the "Import" button.

Figure 22: Status after importing. Click again on Import button to commit.

The screenshot shows the MongoDB Compass interface. The left sidebar lists connections: 'cluster0', 'cluster0test', 'cluster0test0', 'sample_mflix', and 'test'. The main area shows the 'cardioHealth' collection under the 'healthcare' database. Two documents are listed:

```

{
  "_id": "64a0e0c0f75a2ef15a88f5a",
  "Name": "Sally Jackson",
  "Age": 38,
  "Gender": "Male",
  "Blood Type": "O+",
  "Medical Condition": "Cancer",
  "Date of Admission": "2024-01-31T00:00:00.000Z",
  "Doctor": "Matthew Smith",
  "Hospital": "Sons and Miller",
  "Insurance Provider": "Blue Cross",
  "Billing Amount": 10000.00,
  "Room Number": 321,
  "Admission Type": "Urgent",
  "Discharge Date": "2024-02-01T00:00:00.000Z",
  "Medication": "Paracetamol",
  "Test Results": "Normal"
}

{
  "_id": "64a0e0c0f75a2ef15a88f5b",
  "Name": "Lucie Terry",
  "Age": 62,
  "Gender": "Male",
  "Blood Type": "A+",
  "Medical Condition": "Diabetes",
  "Date of Admission": "2023-09-20T00:00:00.000Z",
  "Doctor": "Sarah Parker",
  "Hospital": "Star Inc",
  "Insurance Provider": "Medicare",
  "Billing Amount": 8000.00
}

```

Figure 23: Compass: Our data as it is in in the collection. Note that csv file has been imported but the collection takes it as a json file.

15. Back in Atlas

Back in Atlas, click on cluster0 within the Clusters.

The screenshot shows the MongoDB Atlas interface. The left sidebar includes sections for Project Overview, DATABASE (Clusters, Search & Vector Search, Backup), STREAMING DATA (Stream Processing, Triggers), SERVICES (Migration, Data Federation, Visualization), SECURITY (Security Quickstart, Project Identity & Access, Database & Network Access, Activity Feed), and a general navigation bar with tabs like ORGANIZATION, PROJECT, and a search bar.

The main area is titled 'Clusters' and shows a list of clusters. One cluster, 'Cluster0', is highlighted with a blue background and has an orange arrow pointing to its name. Other clusters listed include 'Cluster0test', 'Cluster0test0', and 'sample_mflix'. Below the cluster list, there's a section for 'Learn about MongoDB Monitoring' with a 'Go to Skills' button, and a summary of cluster metrics: Version 3.6, Mode AWS / Multi-AZ (replica-set), Type Replica Set - 3 nodes, Status Inactive, Linked API Services None Linked, and Atlas Sync Search Index.

Figure 24: Back in Atlas, Click cluster0

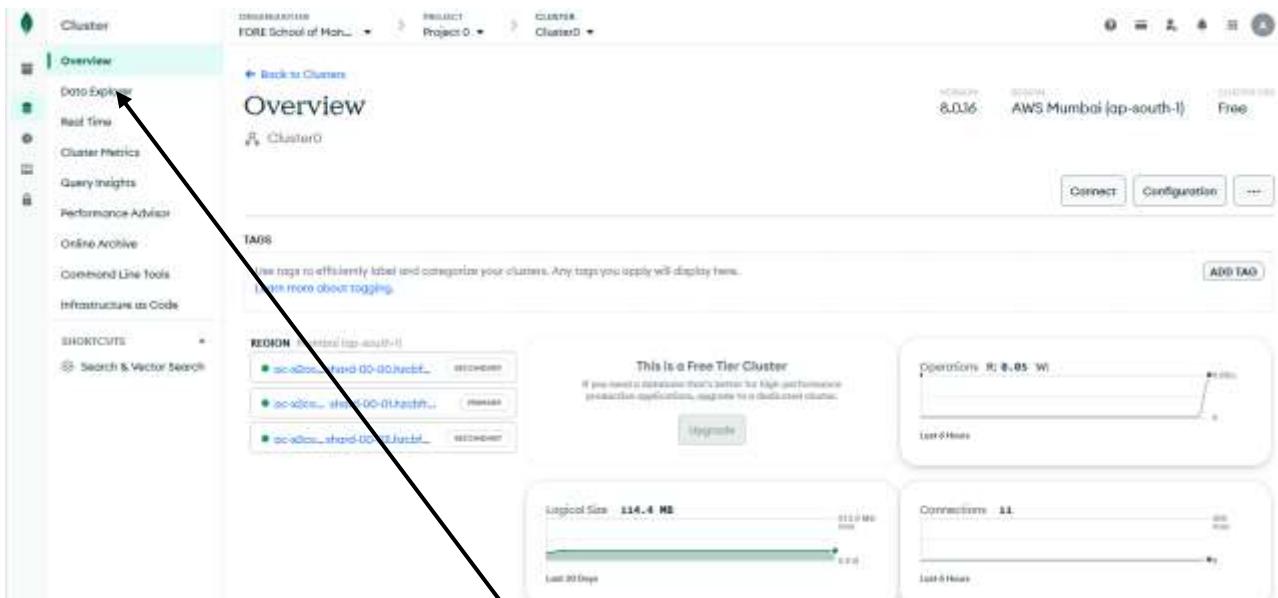


Figure 25: Cluster0 opens. Click Data Explorer to see data.

16. Data Visualization

To visualize data, click on Visualize your data button.

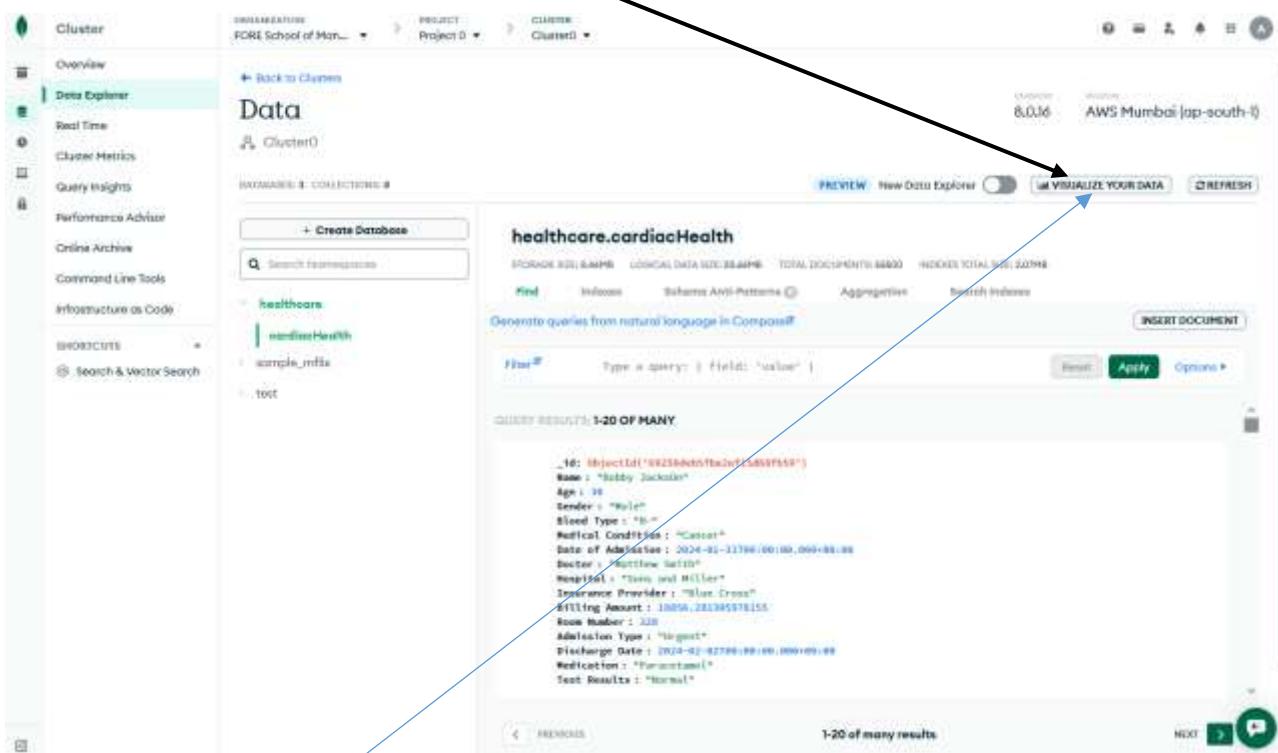


Figure 26: Click on Visualize your data

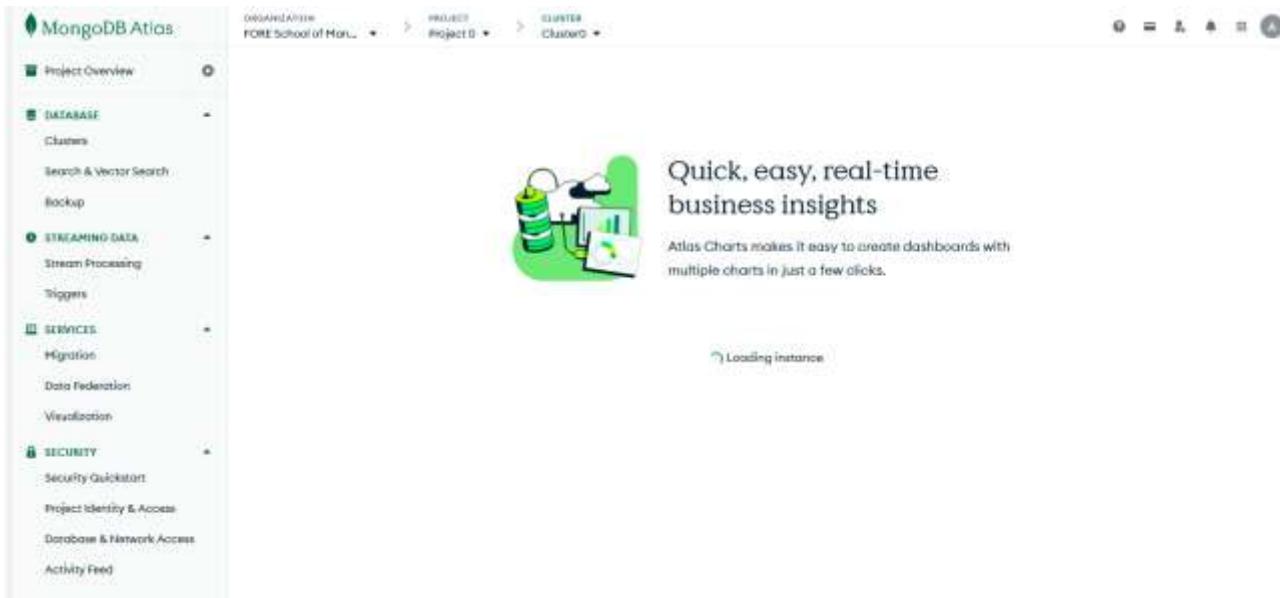


Figure 27: Visualization takes time to open as it first takes a random sample of data and then only creates visualization from that sample. All the data is NOT used to create visualization.

Figure 28: A sample visualization is created from a sample dataset of cardiacHealth collection.

17. Project0 page

A cluster occurs under a Project. Our *Cluster0* occurs under *Project0*.

The screenshot shows the MongoDB Atlas interface for a project named "Project0". The main area is titled "Clusters" and shows one cluster named "Cluster0". A green progress bar indicates that a "Sample Dataset" has been successfully loaded. Below the progress bar, there are buttons for "Connect", "Edit configuration", and "Data Size: 134.44 MB". To the right of these buttons are "Browse collections" and "Migrate data" buttons. On the far left, there is a sidebar with various project management and security options like Deployment, Services, and Security. On the right, there is a "Toolbar" section with "Featured Resources" and a "New On Atlas" section.

Figure 11: Cluster0 occurs under Project0. Note the total Data Size of database sample_mflix as 134mb

18. Working without Compass

One can directly create databases and, within it, collections from Atlas only. But large document ingestion poses problems and also csv files cannot be uploaded. Here is a step-by-step process:

The screenshot shows the AWS Data Explorer interface. On the left sidebar, under the 'Data Explorer' section, there are several options: Overview, Real Time, Cluster Metrics, Query Insights, Performance Advisor, Online Archive, Command Line Tools, Infrastructure or Code, and Search & Vector Search. The 'Data' tab is currently selected. In the main content area, there is a search bar with the placeholder 'Search MongoDB...', a list of databases ('healthcare', 'cardiacHealth', 'simple_reflex', 'test'), and a collection list ('cardiacHealth'). Below this, there is a preview of a document from the 'cardiacHealth' collection, showing fields like Name, Age, Gender, BloodType, MedicalCondition, DateOfAdmission, Doctor, Hospital, InsuranceProvider, BillingAmount, RoomNumber, AdmissionType, DischargeDate, Medication, and TestResults. At the bottom of the preview, it says '1-20 of many results'. At the very top of the main content area, there is a button labeled '+ Create Database'.

Figure 29: This is where we are. Click on the button *Create Database* to begin.

The screenshot shows the 'Create Database' dialog box. It has three main sections: 1. 'Database name' with a value of 'StoreSales'. 2. 'Collection name' with a value of 'sales'. 3. 'Additional Preferences' with a dropdown menu set to 'Select'. At the bottom right of the dialog box are two buttons: 'Cancel' and 'Create'.

Figure 30 Supply Database name and collection name and click *Create*.

The screenshot shows the AWS Amplify Data Explorer interface. On the left sidebar, under the 'Data Explorer' tab, there are various options like Overview, Real Time, Cluster Metrics, Query Insights, Performance Advisor, Online Archive, Command Line Tools, Infrastructure as Code, and Search & Vector Search. In the main area, a database named 'StoreSales' is selected, and within it, a collection named 'sales' is shown. The collection details indicate a storage size of 1.12G, logical data size of 88, total documents of 8, and index total size of 4KB. There are tabs for Find, Instances, Schema Anti-Patterns, Aggregation, and Search indexes. Below these tabs is a search bar with placeholder text 'Type a query: { field: "value" }'. At the bottom right of the collection view, there is a green 'INSERT DOCUMENT' button. A red arrow points from the caption to this button.

Figure 31: Database and collection are created. Click on the button, Insert Documents to insert data.

Insert Document

To collection sales

The screenshot shows the 'Insert Document' dialog box. It has a header 'Insert Document' with a close button 'X'. Below the header, it says 'To collection sales'. A 'VIEW' dropdown menu is open, showing 'ObjectId' and 'String' as options. A red arrow points to the curly braces {} in the 'VIEW' dropdown. At the bottom of the dialog are two buttons: 'Cancel' and a green 'Insert' button.

Figure 32: Here click on the curly braces {} and then remove everything that appears (see below).



Figure 33: We have now a blank page. We will copy and paste here an array of JSON documents.

The screenshot shows a Notepad++ window with the title bar "C:\User\ashot\Downloads\archive(1)\StoreSales.json - Notepad++". The menu bar includes File, Edit, Search, View, Encoding, Language, Settings, Tools, Macro, Run, Plugins, Window. The toolbar has icons for Open, Save, Find, Replace, Cut, Copy, Paste, etc. The status bar at the bottom right shows "length: 3,65,85,763 lines: 13,33,545 Ln: 1 Col: 1 Sel". The main text area contains two JSON objects. The first object has 26 lines of key-value pairs. The second object starts with "Row ID": "26341", continuing with 26 lines of key-value pairs. The JSON objects represent sales data with fields like Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, City, State, Country, Postal Code, Market, Region, Product ID, Category, Sub-Category, Product Name, Sales, Quantity, Discount, Profit, Shipping Cost, and Order Priority.

```
1 "Row ID": "32298",
2 "Order ID": "CA-2012-124891",
3 "Order Date": "31-07-2012",
4 "Ship Date": "31-07-2012",
5 "Ship Mode": "Same Day",
6 "Customer ID": "RM-19495",
7 "Customer Name": "Rick Hansen",
8 "Segment": "Consumer",
9 "City": "New York City",
10 "State": "New York",
11 "Country": "United States",
12 "Postal Code": "10024",
13 "Market": "US",
14 "Region": "East",
15 "Product ID": "TEC-AC-10003033",
16 "Category": "Technology",
17 "Sub-Category": "Accessories",
18 "Product Name": "Plantronics CS510 - Over-the-Head monaural Wireless Headset System",
19 "Sales": "2309.65",
20 "Quantity": "7",
21 "Discount": "0",
22 "Profit": "762.1845",
23 "Shipping Cost": "933.57",
24 "Order Priority": "Critical"
25 },
26 {
27 "Row ID": "26341",
28 "Order ID": "IM-2013-77878",
29 "Order Date": "05-02-2013",
30 "Ship Date": "07-02-2013",
31 "Ship Mode": "Second Class",
32 "Customer ID": "UR-16210",
33 "Customer Name": "Justin Ritter",
34 "Segment": "Corporate",
35 "City": "Wollongong",
36 "State": "New South Wales",
37 "Country": "Australia",
38 "Postal Code": "",
39 "Market": "APAC",
40 "Region": "Oceania",
41 "Product ID": "FUR-CH-10003950",
42 "Category": "Furniture",
43 "Sub-Category": "Chairs",
44 "Product Name": "Novamek Executive Leather Armchair, Black",
45 "Sales": "3709.395",
46 "Quantity": "3",
47 "Discount": "0.1",
48 "Profit": "-288.365",
49 "Shipping Cost": "923.63"
```

Figure 34: JSON file opened in notepad++. Copy the contents. DO NOT COPY VERY LARGE DOCUMENTS.

Insert Document

To collection sales

```
190990     "Product Name": "Fellowes Lockers, Industrial",
190991     "Sales": "519.525",
190992     "Quantity": "5",
190993     "Discount": "0.5",
190994     "Profit": "-394.875",
190995     "Shipping Cost": "46.41",
190996     "Order Priority": "Critical"
190997   },
190998   {
190999     "Row ID": "32433",
191000     "Order ID": "CA-2013-152170",
191001     "Order Date": "13-11-2013",
191002     "Ship Date": "16-11-2013",
191003     "Ship Mode": "Second Class",
191004     "Customer ID": "FH-14275",
191005     "Customer Name": "Frank Hawley",
191006     "Segment": "Corporate",
191007     "City": "La Porte",
191008     "State": "Indiana",
191009     "Country": "United States",
191010     "Postal Code": "46350",
191011     "Market": "US",
191012     "Region": "Central",
191013     "Product ID": "OFF-EN-10002831",
191014     "Category": "Office Supplies",
191015     "Sub-Category": "Envelopes",
191016     "Product Name": "Tyvek Top-Opening Peel & Seal
191017     "Sales": "287.52",
191018     "Quantity": "8",
191019     "Discount": "0",
191020     "Profit": "129.384",
191021     "Shipping Cost": "46.41",
191022     "Order Priority": "High"
191023   }
191024 ]
191025 ]
```

Cancel

Insert

Figure 35: Paste the file contents here. Click Insert button. Insertion takes time. So WAIT...

The screenshot shows the MongoDB Atlas Data Explorer interface. On the left sidebar, under the 'Data Explorer' section, there are various tabs like 'Overview', 'Real Time', 'Cluster Metrics', 'Query Insights', 'Performance Advisor', 'Online Archive', 'Command Line Tools', and 'Infrastructure as Code'. Below these are 'SHORTCUTS' and 'Search & Vector Search'. The main area is titled 'Data' and shows a database named 'StoreSales' and a collection named 'sales'. A search bar at the top says 'Search Namespace: sales'. The collection list on the left includes 'InterSales', 'sales' (which is selected), 'healthcare', 'sample_mflix', and 'test'. The right panel displays the 'StoreSales.sales' collection with a document preview. The document details include: Row ID: "00:00000000000000000000000000000000", Order ID: "CA-2012-124861", Order Date: "21-07-2012", Ship Date: "21-07-2012", Ship Mode: "Same Day", Customer ID: "88-123456", Customer Name: "Rick Moranis", Segment: "Consumer", City: "New York City", State: "New York", Country: "United States", Postal Code: "10001", Market: "US", Region: "East", Product ID: "TEL-AC-100000013", Category: "Electronics". There are buttons for 'PREVIEW', 'New Data Explorer', 'IN VISUALIZE YOUR DATA', 'REFRESH', 'INSERT DOCUMENT', 'Reset', 'Apply', and 'Options'.

Figure 36: Inserted data into the collection.

19. Dropping collection and database from Atlas

This collection can be dropped by clicking on the trash icon against it. (See below)

The screenshot shows the MongoDB Atlas Data Explorer interface. The left sidebar is identical to Figure 36. The main area shows the 'StoreSales' database and 'sales' collection. A large red arrow points from the text 'Drop the collection by clicking against the trash icon against it.' to the trash icon located next to the 'sales' collection name in the database list. The right panel shows the same document preview as Figure 36.

Figure 37: Drop the collection by clicking against the trash icon against it.

Similarly, StoreSales database can also be dropped by clicking on the trash icon against it.

20. Drop database in Compass

You will be able to drop a database in Compass, only if you have *atlasAdmin* role. You can check your role by going to *Database Access* page in Atlas.

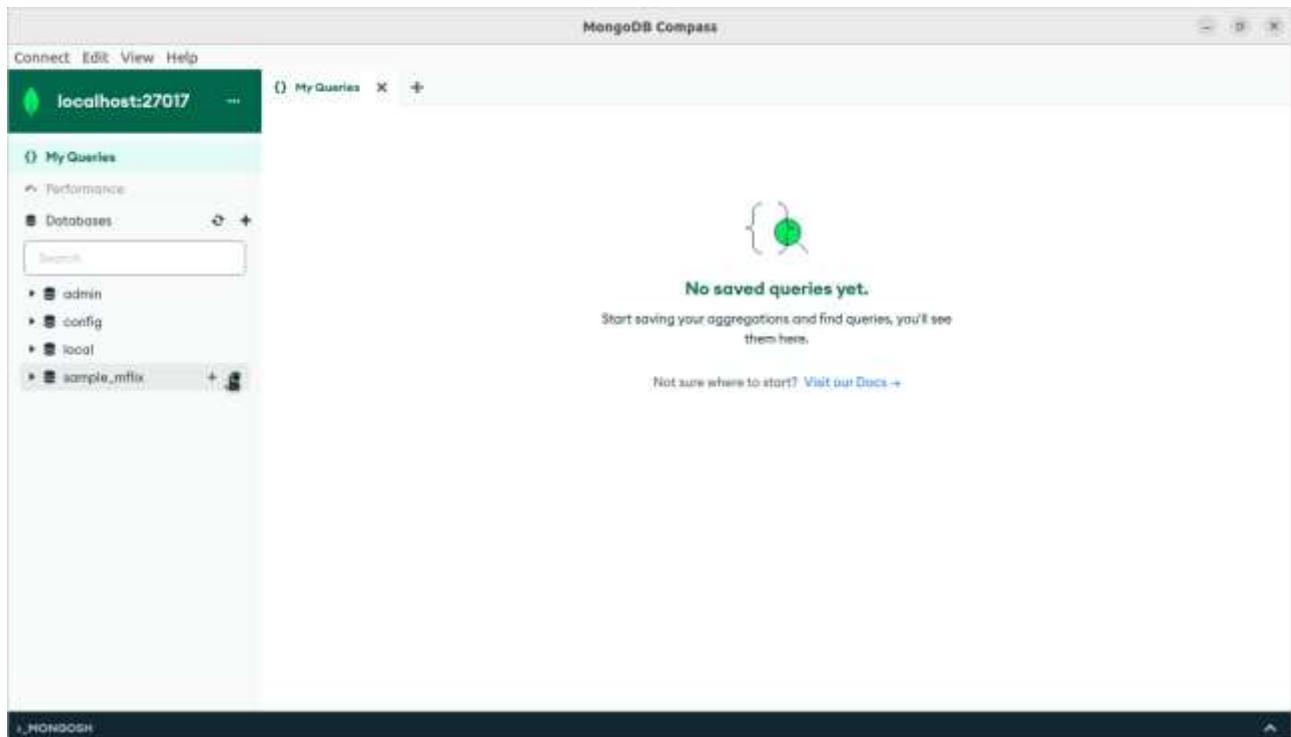


Figure 12: Back in **compass**, let us drop this database by clicking on the trash icon against it.

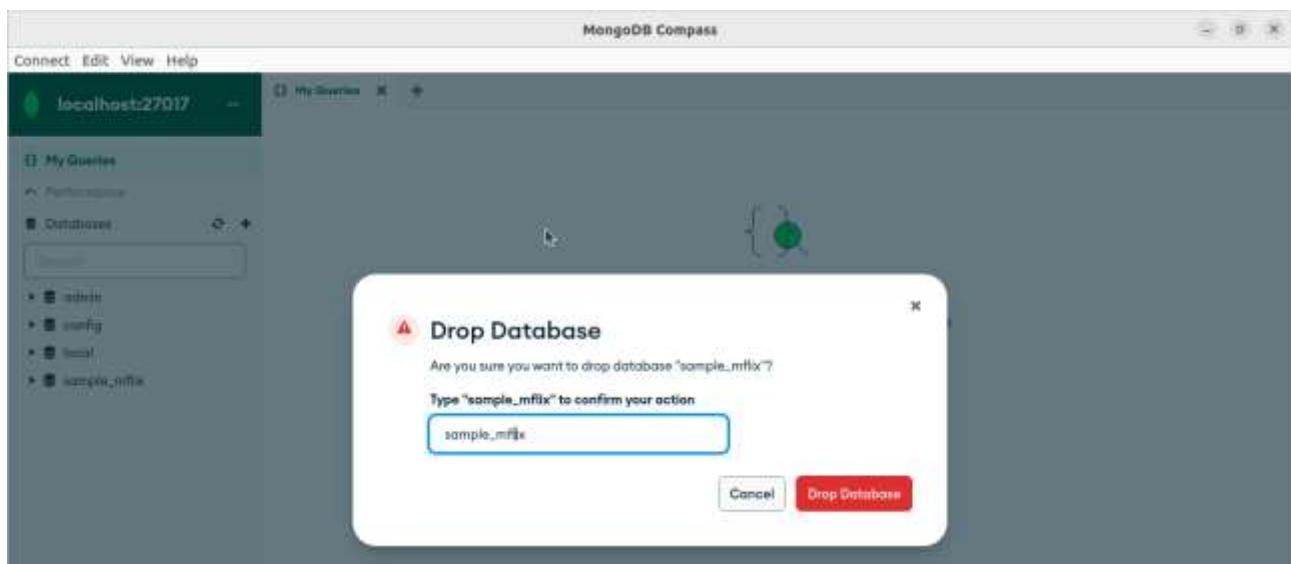


Figure 13: Click Drop database button

Back in Atlas, observe if database will be dropped?

The screenshot shows the MongoDB Atlas interface. In the top navigation bar, there are tabs for 'Project Overview' and 'Cloud'. Below the navigation, the 'Atlas' logo is visible, followed by 'FORE School...', 'Access Manager', and 'Billing'. On the right side, there are links for 'All Clusters', 'Get Help', and a user account. The main content area is titled 'Project 0' and has a 'Data Services' tab selected. Under 'Clusters', it shows 'Cluster0' with a note that a 'Sample Dataset' was successfully loaded. It displays a 'Data Size' of 134.44 MB. There are buttons for 'Connect', 'Edit configuration', 'Browse collections', 'Migrate data', and 'View monitoring'. A 'Create cluster' button is also present. To the right, a 'Toolbar' section includes 'Featured Resources' with links to 'Get Started with Atlas', 'Reference MongoDB Documentation', 'Develop Applications with the Developer Center', and 'Ask the MongoDB Community'. Below that is a 'New On Atlas' section with a 'Learn about the latest feature enhancements on Atlas' link.

Figure 14: In Project0 page, Click on **Browse Collections** again.

The screenshot shows the MongoDB Atlas interface for Cluster0. The top navigation bar is identical to Figure 14. The main content area is titled 'Cluster0' and shows 'FORE SCHOOL OF MANAGEMENT > PROJECT0 > DATABASES'. It indicates 'VERSION: 7.0.14' and 'AWS Mumbai (ap-south-1)'. The 'Collections' tab is selected, showing 'DATABASES: 0' and 'COLLECTIONS: 0'. Below this, there is a large 'Explore Your Data' section with a magnifying glass icon. It lists features: 'Find: run queries and interact with documents', 'Indexes: build and manage indexes', 'Aggregation: test aggregation pipelines', and 'Search: build search indexes'. At the bottom, there are buttons for 'Load a Sample Dataset' and 'Add My Own Data'.

Figure 15: No database or collection is available in Cluster0.
