

# MongoDB Atlas Setup Walkthrough

## Step 1 :

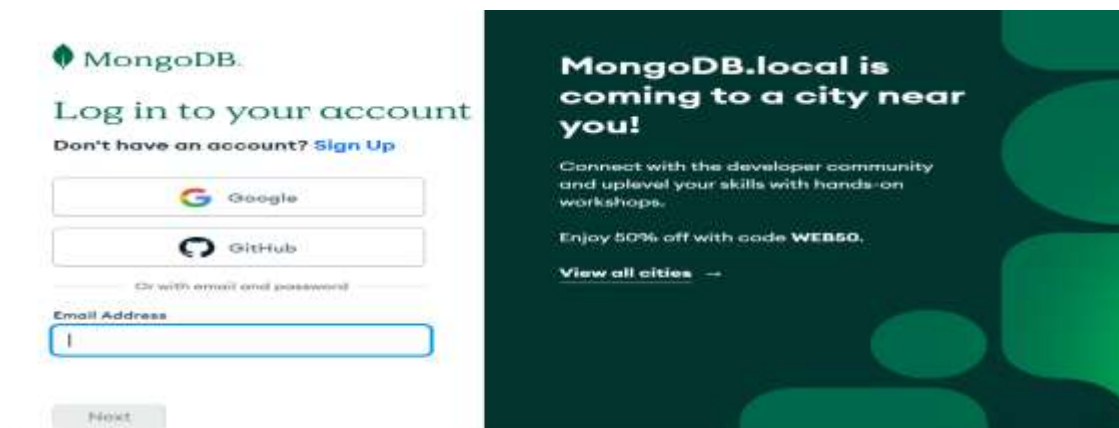
Go to “<https://www.mongodb.com/>” site.

Please click on (:) and the drop down will give options for Sign In. Please click on the same. It will take you to the screen below.



## Step 2:

Please click on “Sign Up”.





# Testleaf

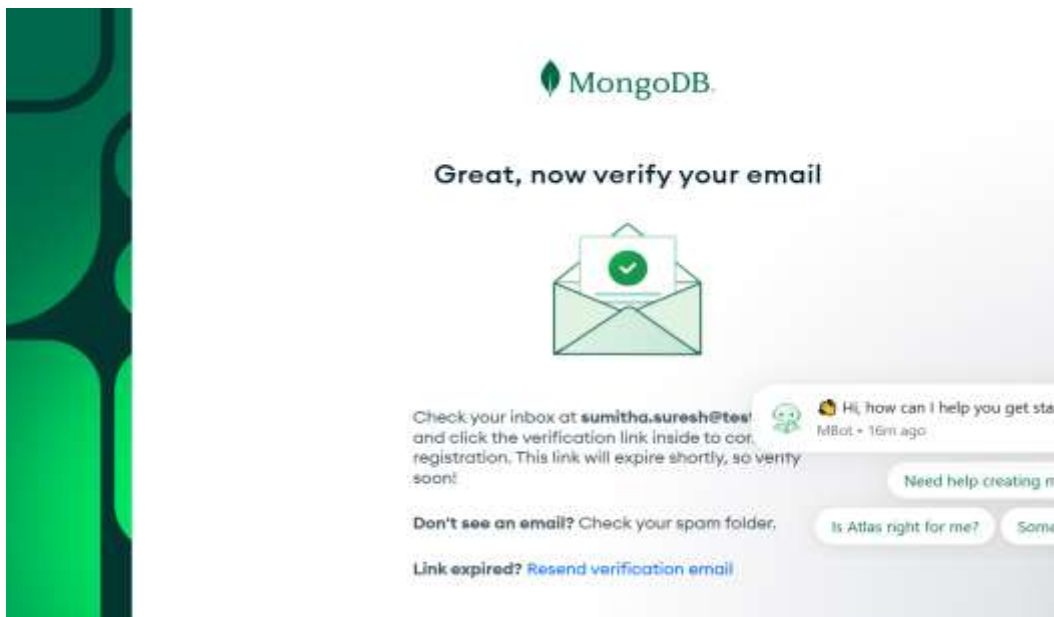
Always Ahead

## Step 3:

Fill in the details and click on the checkbox. Click the “Sign Up” button. A verification email would have been sent to the given mail.

The screenshot shows the MongoDB account registration page. The browser address bar displays 'account.mongodb.com/account/register'. The page has a dark green abstract pattern on the left. The registration form on the right includes the following fields and options:

- Or with email and password
- Email Address: We recommend using your work email. Input field.
- First Name: Input field.
- Last Name: Input field.
- Password: Input field with a strength indicator icon.
- Validation messages: Must be at least 8 characters; Does not contain your email address.
- Company Name: Input field with an 'Optional' label.
- Checkbox: I accept the [Privacy Policy](#) and the [Terms of Service](#).



Go to your mail inbox, open the verification e-mail from MongoDB and click on “verify email”. You will be getting a message like the below. Please click ‘continue’.


Email successfully verified!



Continue

#### Step 4:

Login with your registered email id and password.


 MongoDB.


The email address has already been verified, you can login now.

## Log in to your account

Don't have an account? [Sign Up](#)

You have successfully logged out.

 Google

 GitHub

Or with email and password

Email Address

## MongoDB.local is coming to a city near you!

Connect with the developer community and uplevel your skills with hands-on workshops.

Enjoy 50% off with code **WEB50**.

[View all cities](#) →



# Testleaf

Always Ahead

## Step 5:

It will take you to Multi-factor Authentication setup. You can either click continue.

The screenshot shows the MongoDB Multi-factor Authentication setup page. At the top, the MongoDB logo is followed by the text "Multi-factor Authentication setup is now complete". Below this, a green banner states: "Your MFA method has now been enabled. You can always add or remove more methods under your Account Application [Security page](#)".

The main section is titled "Multi-factor authentication (MFA) methods" and contains a list of four methods:

- Security Key/Biometric: RECOMMENDED, with a "SET UP" button.
- Okta Verify Mobile App: RECOMMENDED, with a "SET UP" button.
- Authenticator App: RECOMMENDED, with a "SET UP" button.
- Email: (No recommendation label), with a green checkmark icon.

Below the list, a section titled "Why is this important for me?" explains that MFA enhances account security by requiring more than just email and password, and includes a link to "Learn how this protects your account".

At the bottom, there is a green "Continue" button.

## Step 6 :

Enter the verification code send to your email. If the code is correct it will take you to "Getting to Know you" window.

The screenshot shows the MongoDB "Verify Your Identity" page. At the top, the MongoDB logo is followed by the text "Verify Your Identity".

The main section is titled "Authentication Method" and contains a dropdown menu with "Email" selected. Below this, a message states: "A verification code has been sent to: [redacted] Enter the code to continue and be redirected.".

Below the message, there is a "Resend Code (23s)" button. Underneath, there are five input boxes for the verification code, with the first box containing the digit "1".

Below the input boxes, there is a checkbox labeled "Don't ask again on this device for 14 days.".

At the bottom, there are two links: "Lost your MFA method? [Contact us](#)" and "MFA is mandatory on Atlas. Need more help? [View documentation](#)".



# Testleaf

Always Ahead

## Step 7 :

Please enter the details as given in “Getting to know your project”. “Getting to know you” can be filled with any data as select from dropdowns. Click “Finish” or you can even “Skip Personalization” without entering details.



## Welcome to Atlas. Let's build something great.

Help us tailor your experience by taking a minute to answer the questions below.

### GETTING TO KNOW YOU

What is your primary goal?

Build a project I have in mind

How long have you been developing software with MongoDB?

I've never developed software with MongoDB before

### GETTING TO KNOW YOUR PROJECT

What programming language are you primarily building on MongoDB with?

JavaScript / Node.js

What type(s) of data will your project use?

You can choose as many as you want

Vector em...

Will your application include any of the following architectural models?

You can choose as many as you want

AI/ML Enr...

[Skip personalization](#)

[Finish](#)

## Step 8 :

Under Configurations -> Name, you can give any name. (Eg: here it is “India”).

## Deploy your cluster

Use a template below or set up advanced configuration options. You can also edit these configuration options once the cluster is created.

☐ M10

\$0.66/hour

Dedicated cluster for development environments and low-traffic applications.

INSTANCE	RAM	vCPUs
M10	2 GB	2 vCPUs

☐ Flex

From \$0.611/hour

For development and testing, with on-demand burst capacity for unpredictable traffic.

INSTANCE	RAM	vCPUs
M10	2 GB	2 vCPUs

☒ Free

For learning and exploring MongoDB in a cloud environment.

INSTANCE	RAM	vCPUs
M10	2 GB	2 vCPUs

**Free caveat:** Your free cluster is not for experimenting in a cloud sandbox. You can upgrade to a production (paid) anytime.

### Configurations

Name

Your current change the name once the cluster is created.

India

Provider

☒ AWS ☐ Google Cloud ☐ Azure

Region

☒ Mumbai (ap-south-1) ☐ London (eu-west-2)

☒ Recommended ☐ Low-cost options

Big Data

Optimize your first log to integrate and later use

resources from logs can be added later. [Learn more](#)

### Quick setup

☒ Automate security setup

☒ Preload sample dataset

[Go to this page](#)

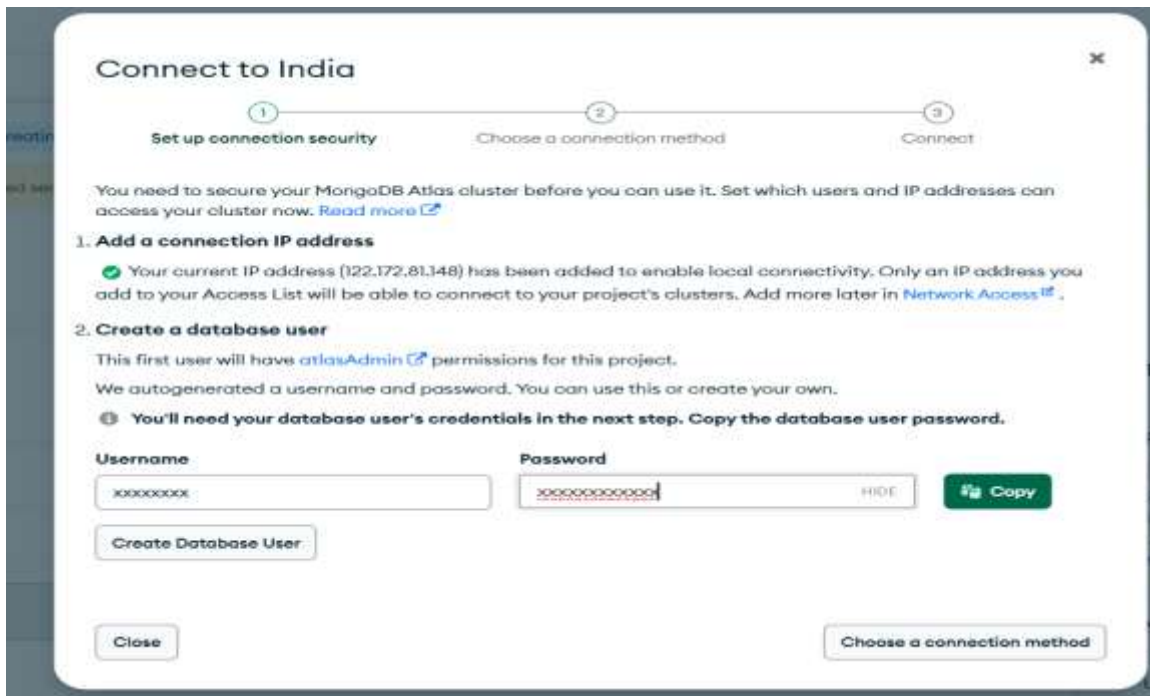
[Go to Advanced Configuration](#)

[Create Deployment](#)

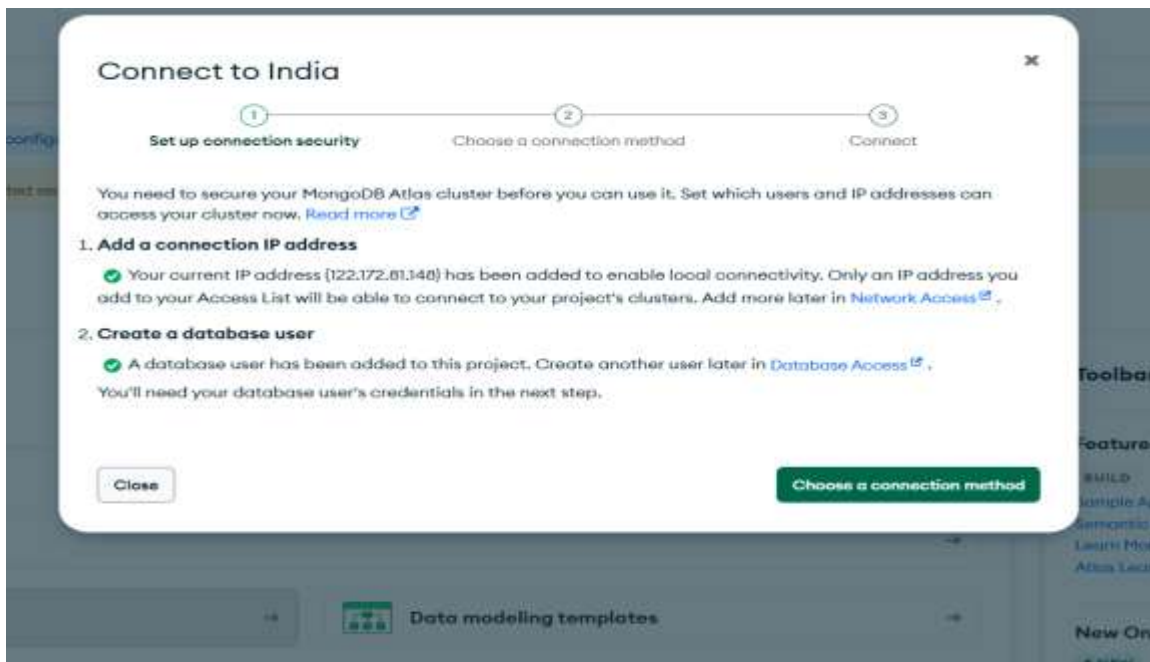


## Step 9:

Please pass a valid Username and Password. Click on “Create Database User”. It will take you to next screen.



Click on “Choose a connection method”.



## Step 10:

Click on “Drivers” from the given options.



# Testleaf

Always Ahead

### Connect to India

1

Set up connection security

2

Choose a connection method

3

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

>

Go Back

Close

Copy the text given in the box, highlighted in black color and store it in the notepad. Once copied and pasted, please click "Done".

1

Set up connection security

2

Choose a connection method

3

Connect

### Connecting with MongoDB Driver

#### 1. Select your driver and version

We recommend installing and using the latest driver version.

Driver

Version

Node.js

6.7 or later

#### 2. Install your driver

Run the following on the command line

```
npm install mongodb
```

[View MongoDB Node.js Driver installation instructions.](#)

#### 3. Add your connection string into your application code

Use this connection string in your application

☐ View full code sample

☒ Show Password

```
mongodb+srv://username:password@cluster0.mongodb.net/?retryWrites=true&appName=India
```

The password for `username` is included in the connection string for your first time setup. This password will not be available again after exiting this connect flow.

**RESOURCES**

[Get started with the Node.js Driver](#)

[Node.js Starter Sample App](#)

[Access your Database Users](#)

[Troubleshoot Connections](#)

Go Back

Done

It is the "Connection String". In the place of username and password, you will be able to see your credentials.



# Testleaf

Always Ahead

```
Connection String :
mongodb+srv://username:password@cluster.xes4ay1.mongodb.net/?retryWrites=true&w=s&priorityAppName=cluster;
```

## Step 11:

For accessing the database from anywhere please click on Network Access from the left side menus.

Click on ADD IP ADDRESS. From that click "Allow Access from Anywhere". Click confirm.





# Testleaf

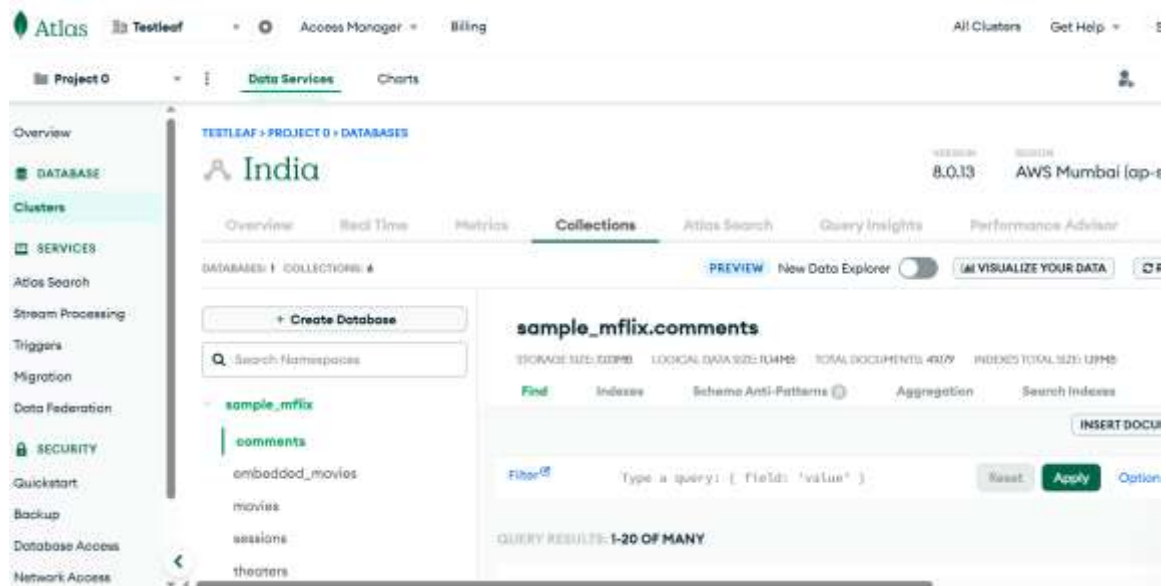
Always Ahead

## CREATING DATABASE AND COLLECTIONS.

### Step 12:

Create database for creating search index. Click on Atlas Search from left-side Navigation bar.

From there go to “Collections” tab. You will see a lot default databases.



### Step 13: If you wanted to try new Data Explorer you can click on “Try new Data Explorer”.

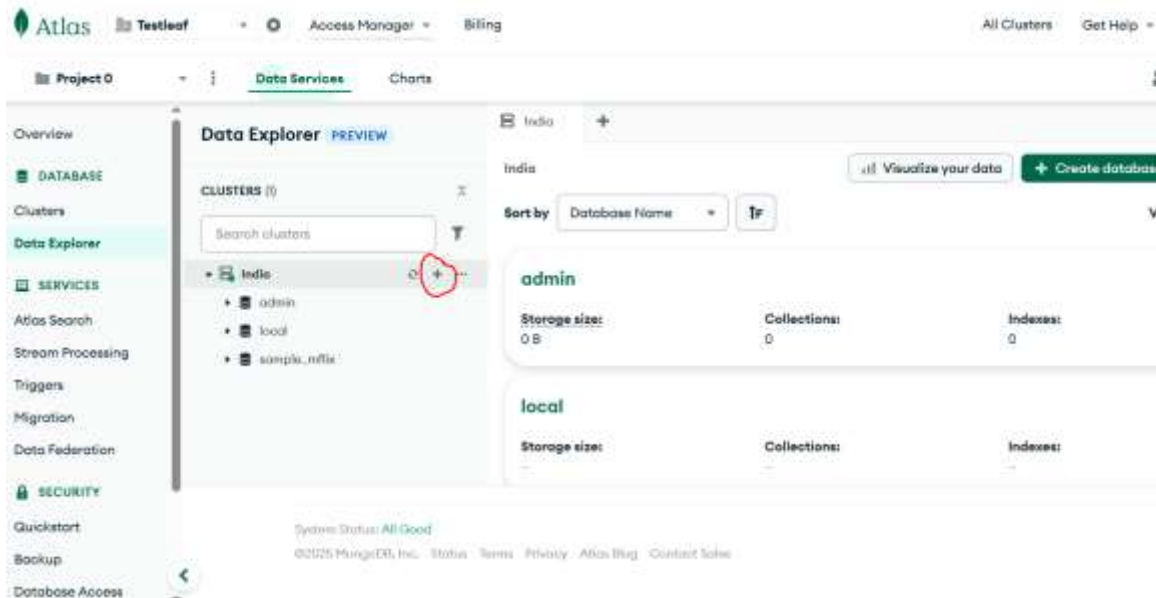


It is optional. New data explorer will give you a better UI Experience.

#### Step 14:

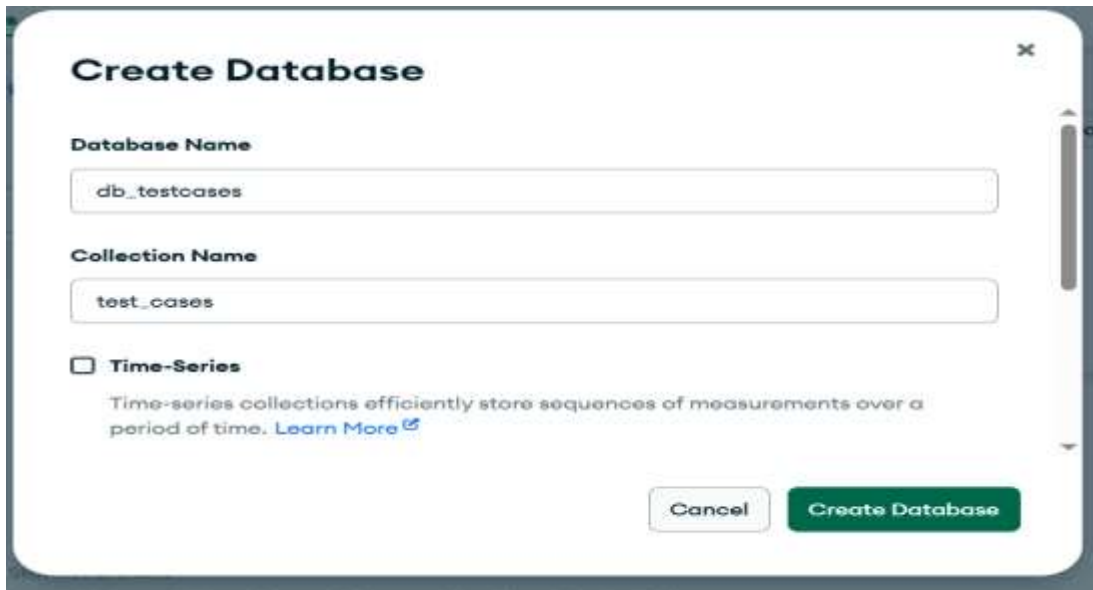
You will be getting default cluster. Whatever you see inside your cluster is all default databases.

For creating new database click on the “+” (marked in Red).



#### Step 15:

Type in your database name and collections name. Click on “Create Database”.



On successful creation of database you will get like the below screen.

