



Find Answers Fast with NoSQL **Databases like MongoDB**

Creating an account on MongoDB

****You have two options for having students interact with MongoDB Atlas:***

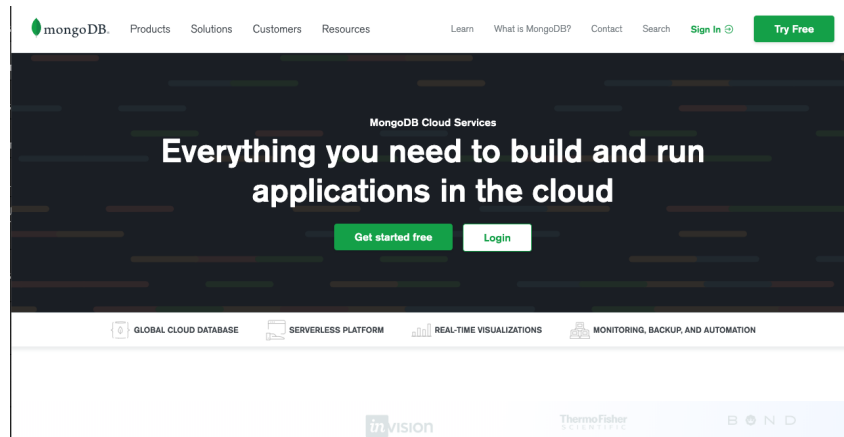
- 1) *Have everyone sign up for a MongoDB Atlas account - free, needs email address. They deploy a cluster, load data on their own cluster, query their own cluster through the rest of the day*
 - a) *This is good so they can continue at home*
 - b) *Perhaps send the steps beforehand as it requires an email account to register.*
No credit card needed
 - i) *To do option 1, practice the workflow for yourself*
 - (1) *Sign up at cloud.mongodb.com*
 - (2) *Deploy your own M0 cluster (free, no credit card)*
 - (3) *Load sample data into it*
- 2) *You sign up for one MongoDB Atlas account - free, needs email address. You deploy a cluster, load data, and everyone uses your username/password for rest of the day via web browser*
 - a) *To do option 2:*
 - i) *Do the same as option 1*
 - ii) *Distribute your username/password on the whiteboard or slides*

Prerequisites

Install Chrome, Firefox, or Edge for this activity.

Sign Up For Atlas Account

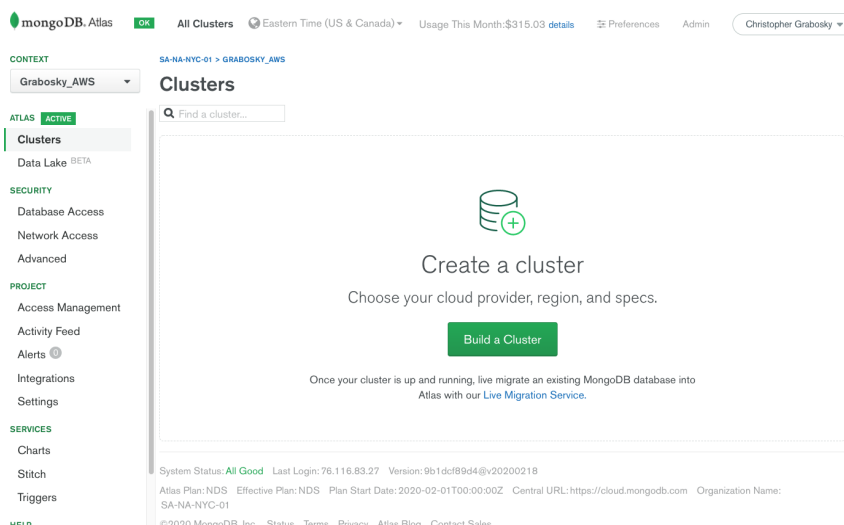
Visit cloud.mongodb.com, register to create an account, and log in:



The image shows the MongoDB Atlas Global Cloud Database sign-up form. The page has a navigation bar with links for Products, Solutions, Customers, Resources, Learn, What is MongoDB?, Contact, Search, Sign In, and a Try Free button. Below the navigation bar, there are tabs for Cloud, Server, and Tools. The main heading reads "MongoDB Atlas Global Cloud Database". Below this, there is a paragraph describing the service: "Deploy, operate, and scale a MongoDB database in the cloud with just a few clicks. Fully elastic and highly available by default, MongoDB Atlas is the easiest way to try out the latest version of the database, MongoDB 4.0." This is followed by a list of features: "Secure from the start", "Fully managed backups", "Comprehensive monitoring and customizable alerts", "Easily migrate existing deployments with minimal downtime", and "Cloud-only features, like real-time triggers and global clusters". Below the list, there is a link: "Click here to learn more about MongoDB Atlas." At the bottom, there are logos for Google Cloud Platform, AWS, and Azure. On the right side, there is a section titled "No download necessary" with the subheading "Deploy a free cluster now". This section contains a form with fields for Email Address, First Name, Last Name, and Password. Below the Password field, there are four checkmarks: "8 characters minimum", "One number", "One letter", and "One special character". Below these, there is a checkbox labeled "I agree to the terms of service." and a "Get started free" button.

Deploy a Cluster

Once signed in, click *Build a Cluster*



Deploy an M0 (no credit card necessary) on AWS, Google, or Azure (AWS shown) in the region closest geographically to your class (here us-east1 in Virginia). Leave everything default but change the Cluster Name to something descriptive for your class.

CLUSTERS > CREATE NEW CLUSTER

Create New Cluster

Global Cluster Configuration

Cloud Provider & Region

AWS, N. Virginia (us-east-1) ▾

aws

Google Cloud Platform

Azure

Create a free tier cluster by selecting a region with **FREE TIER AVAILABLE** and choosing the **M0** cluster tier below.

★ recommended region ⓘ

NORTH AMERICA

🇺🇸 N. Virginia (us-east-1) ★

FREE TIER AVAILABLE

🇺🇸 Ohio (us-east-2) ★

🇺🇸 N. California (us-west-1)

🇺🇸 Oregon (us-west-2) ★

FREE TIER AVAILABLE

🇨🇦 Montreal (ca-central-1)

EUROPE

🇸🇪 Stockholm (eu-north-1) ★

🇮🇪 Ireland (eu-west-1) ★

FREE TIER AVAILABLE

🇬🇧 London (eu-west-2) ★

🇫🇷 Paris (eu-west-3) ★

🇩🇪 Frankfurt (eu-central-1) ★

FREE TIER AVAILABLE

ASIA

🇭🇰 Hong Kong (ap-east-1) ★

🇯🇵 Tokyo (ap-northeast-1) ★

🇰🇷 Seoul (ap-northeast-2)

🇸🇬 Singapore (ap-southeast-1) ★

FREE TIER AVAILABLE

🇮🇳 Mumbai (ap-south-1)

FREE TIER AVAILABLE

🇦🇺 Sydney (ap-southeast-2) ★

SOUTH AMERICA

🇧🇷 Sao Paulo (sa-east-1)

AUSTRALIA

Select Multi-Region, Workload Isolation, and Replication Options (M10+ clusters) ☐ NO ☒ YES
Increase region availability, configure tagged analytics nodes, and optimize for local service areas. [Read more](#)

Cluster Tier

M0 Sandbox (Shared RAM, 512 MB Storage)

Encrypted

Additional Settings

MongoDB 4.0, No Backup

FREE

Free forever! Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.

Cancel

Create Cluster

mongoDB Atlas Christopher Grabosky ▾

CLUSTERS > CREATE A STARTER CLUSTER

Create a Starter Cluster

Welcome to MongoDB Atlas! We've recommended some of our most popular options, but feel free to customize your cluster to your needs. For more information, check our [documentation](#).

Cloud Provider & Region

AWS, N. Virginia (us-east-1) ▾

Cluster Tier

M0 Sandbox (Shared RAM, 512 MB Storage)

Encrypted

Additional Settings

MongoDB 4.2, No Backup

Cluster Name

YourNameHere ▾

Privacy - Terms

FREE

Free forever! Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.

Back

Create Cluster

Load Sample Data

Once deployed, load the sample data set by pressing the ... button, then “Load Sample Data Set”

