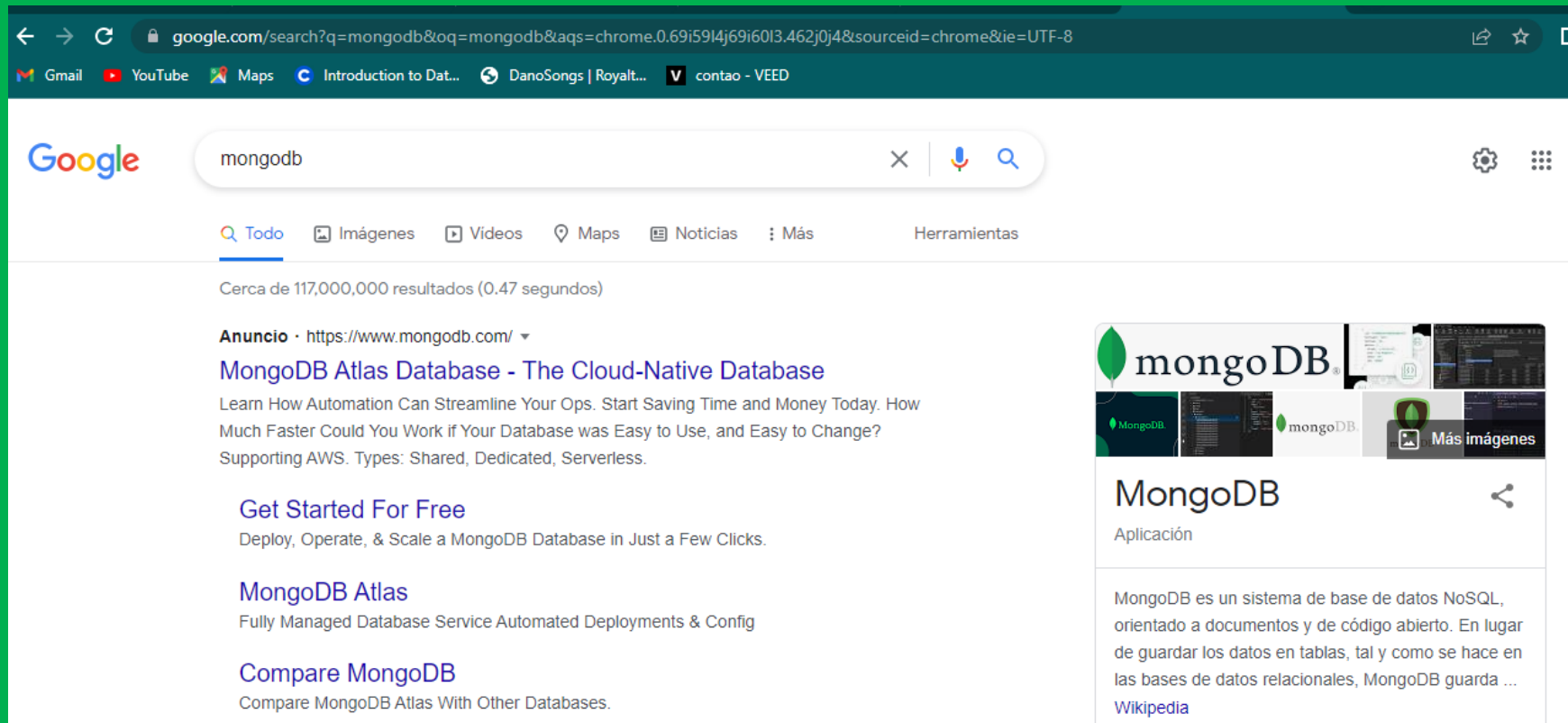


## CREAR UNA BASE DE DATOS EN MONGODB



A screenshot of a Google search results page for the query "mongodb". The browser's address bar shows the search URL. The Google logo is on the left, and the search bar contains "mongodb". Below the search bar, navigation tabs for "Todo", "Imágenes", "Videos", "Maps", "Noticias", and "Herramientas" are visible. The search results indicate approximately 117,000,000 results found in 0.47 seconds. The first result is an advertisement for MongoDB Atlas Database, titled "MongoDB Atlas Database - The Cloud-Native Database". It includes a brief description, a "Get Started For Free" link, and links to "MongoDB Atlas" and "Compare MongoDB". On the right side of the page, there is a knowledge panel for MongoDB, featuring the logo, a grid of images, the title "MongoDB", the label "Aplicación", a short description of it as a NoSQL database system, and a link to the Wikipedia page.

google.com/search?q=mongodb&oq=mongodb&aqs=chrome..69i59j4j69i60l3.462j0j4&sourceid=chrome&ie=UTF-8

Gmail YouTube Maps Introduction to Dat... DanoSongs | Royalt... contao - VEED

Google mongodb

Todo Imágenes Videos Maps Noticias Más Herramientas

Cerca de 117,000,000 resultados (0.47 segundos)

**Anuncio** · <https://www.mongodb.com/>

**MongoDB Atlas Database - The Cloud-Native Database**

Learn How Automation Can Streamline Your Ops. Start Saving Time and Money Today. How Much Faster Could You Work if Your Database was Easy to Use, and Easy to Change? Supporting AWS. Types: Shared, Dedicated, Serverless.

**Get Started For Free**

Deploy, Operate, & Scale a MongoDB Database in Just a Few Clicks.

**MongoDB Atlas**

Fully Managed Database Service Automated Deployments & Config

**Compare MongoDB**

Compare MongoDB Atlas With Other Databases.

**MongoDB**

Aplicación

MongoDB es un sistema de base de datos NoSQL, orientado a documentos y de código abierto. En lugar de guardar los datos en tablas, tal y como se hace en las bases de datos relacionales, MongoDB guarda ...

[Wikipedia](#)



# MongoDB Atlas.

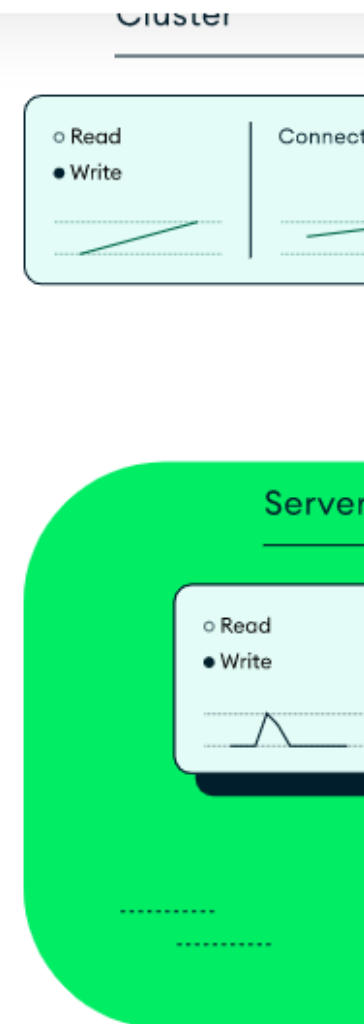
## Fully managed MongoDB in the cloud.

Harness the power of your data by building and managing your data in the cloud.

Start Free

View pricing →

Hacer click para iniciar



CEO, Okteto



Email\*

Password\*



☐ I agree to the **Terms of Service** and **Privacy Policy**.

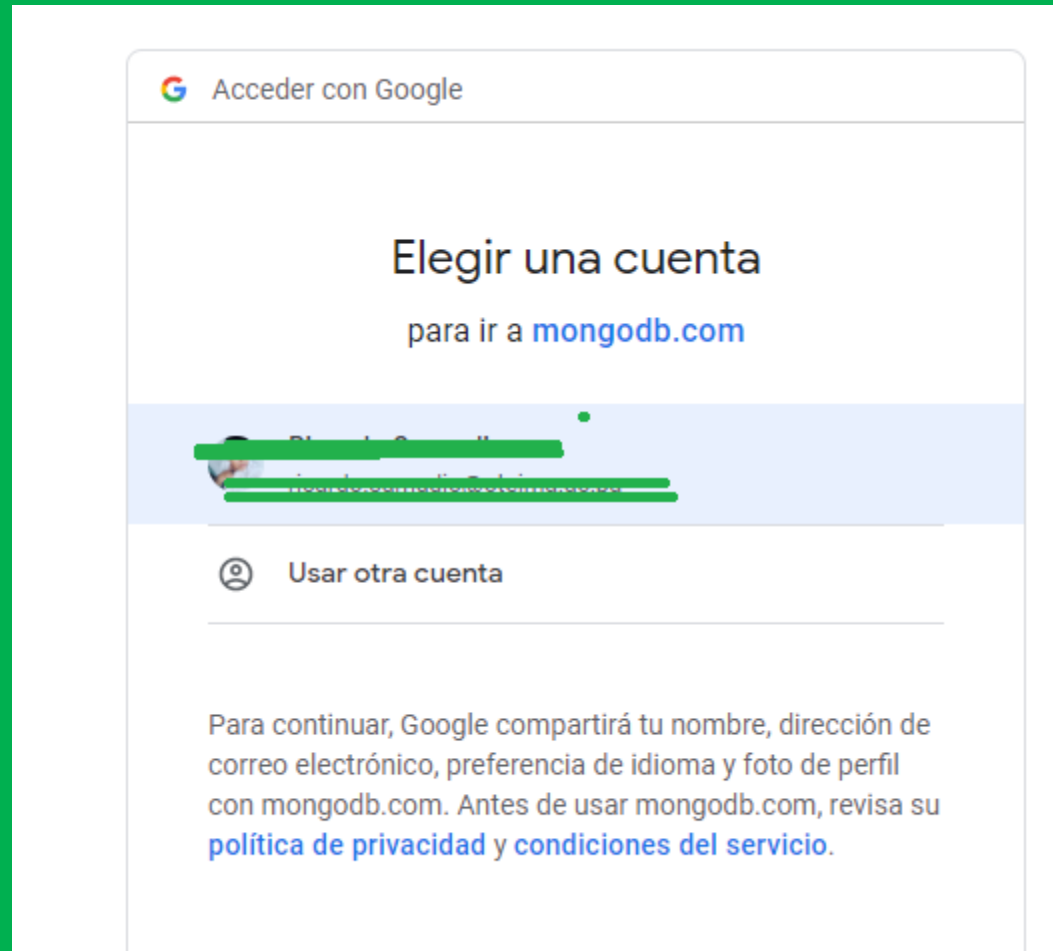
Create your Atlas account

or

 Sign up with Google

Already have an account? **Sign in**

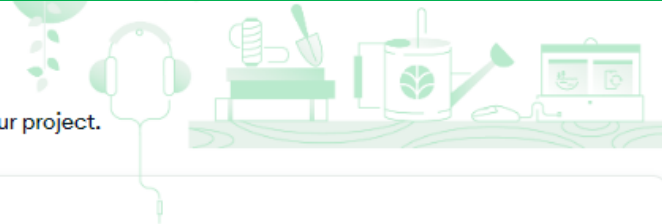
Hacer click para el login



**Nota:** Debe tener activo una cuenta de correo para que mongodb utilice esas credenciales.

# Welcome to Atlas!

Tell us a few things about yourself and your project.



## What is your goal today?

Your answer will help us guide you to successfully getting started with MongoDB Atlas.

- ☐ Migrate an existing application
- ☐ Learn MongoDB
- ☐ Build a new application
- ☒ Explore what I can build

## What type of application are you building?

No Application

## What is your preferred language?

We'll use this to customize code samples and content we share with you. You can always change this later.

 Python

Finish

La plataforma le hará unas preguntas sencillas, sobre la finalidad de utilizar la base de datos.

Ricardo's Or...

Access Manager

Billing


All ClustersGet HelpRicardo

Project 0AtlasApp ServicesCharts

# Deploy a cloud database

Experience the best of MongoDB on AWS, Azure, and Google Cloud. Choose a deployment option to get started.

NEW

 **Serverless**

For application development and testing, or workloads with variable traffic. Minimal configuration required.

✓

 Pay only for the operations you run

✓

 Resources scale seamlessly to meet your workload


✓

 Always-on security and backups

Create

Starting at  
\$0.10/1M reads

ADVANCED

 **Dedicated**

For production applications with sophisticated workload requirements. Advanced configuration controls.

✓

 Network isolation and fine-grained access controls

✓

 On-demand performance advice


✓

 Multi-region and multi-cloud options available

Create

Starting at  
\$0.08/hr\*  
\*estimated cost \$56.94/month

FREE

 **Shared**

For learning and exploring MongoDB in a cloud environment. Basic configuration options.

✓

 No credit card required to start

✓

 Explore with sample datasets


✓

 Upgrade to dedicated clusters for full functionality


Create

Starting at  
**FREE**

[I'll do this later](#)[Advanced Configuration Options](#)



Hacer click para utilizar paquete libre



Ricardo

CLUSTERS > CREATE A SHARED CLUSTER

## Create a Shared 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](#).

Serverless

Dedicated

**FREE Shared**


For learning and exploring MongoDB in a sandbox environment. Basic configuration controls.


No credit card required to start. Upgrade to dedicated clusters for full functionality.


Explore with sample datasets. Limit of one free cluster per project.


Cloud Provider & Region

AWS, N. Virginia (us-east-1)


aws


Google Cloud



Azure

★ Recommended region ⓘ  Dedicated tier region ⓘ


**NORTH AMERICA**


 Oregon (us-west-2) ★


 **N. Virginia (us-east-1) ★**

 Ohio (us-east-2) ★ 


**EUROPE**

 Frankfurt (eu-central-1)


 Ireland (eu-west-1) ★

 Stockholm (eu-north-1) ★

**AUSTRALIA**


 Sydney (ap-southeast-2) ★


**ASIA**

 Singapore (ap-southeast-1) ★

**Summary**

GLOBAL CLUSTER  
Off

PROVIDER  
aws

REGION  
 N. Virginia (us-east-1)

**FREE** ⓘ

**Additional Features**

✓ Monitoring and alerting

✓ End-to-end encryption

✓ Atlas Search

✗ Elastic scalability

✗ Performance optimization


Compare Features

**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**



Hacer click para crear el núcleo  
donde estará la base de datos

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Access Manager

Billing

All ClustersGet HelpRicardo

Project 0AtlasApp ServicesCharts

DEPLOYMENT

Database

Data LakePREVIEW

DATA SERVICES

Triggers

Data API

Data Federation

SECURITY

Quickstart

Database Access

Network Access

Advanced

New On Atlas3

RICARDO'S ORG - 2022-10-16 > PROJECT 0

Database Deployments

Find a database deployment...

+ Create

Cluster0

Connect

View Monitoring

Browse Collections

...

FREE

SHARED

Loading.

VERSION	REGION	CLUSTER TIER	TYPE	BACKUPS	LINKED APP SERVICES	ATLAS SEARCH
5.0.13	AWS / N. Virginia (us-east-1)	M0 Sandbox (General)	Replica Set - 3 nodes	Inactive	None Linked	<a href="#">Create Index</a>

System Status: All Good

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https://cloud.mongodb.com/v2/634b95ae9be09b2d45b3734f#clusters/detail/Clus...

Click to go to the overview page

Hacer click para utilizar el cluster creado.



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Access Manager

Billing

All Clusters

Get Help

Ricardo

Project 0

Atlas

App Services

Charts

DEPLOYMENT

Database

Data Lake

DATA SERVICES

Triggers

Data API

Data Federation

SECURITY

Quickstart

Database Access

Network Access

Advanced

RICARDO'S ORG - 2022-10-16 > PROJECT 0 > DATABASES

Cluster0

VERSION 5.0.13

REGION AWS N. Virginia (us-east-1)

Overview

Real Time

Metrics

Collections

Search

Profiler

Performance Advisor

Online Archive

Cmd Line Tools

DATABASES: 0

COLLECTIONS: 0

VISUALIZE YOUR DATA

REFRESH

Explore Your Data

- **Find:** run queries and interact with documents

- **Indexes:** build and manage indexes

- **Aggregation:** test aggregation pipelines

- **Search:** build search indexes

Load a Sample Dataset

Add My Own Data

[Learn more in Docs and Tutorials](#)

System Status: All Good

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Hacer click para crear la base de los datos en MongoDB

Ricardo's Org... Access Manager Billing All Clusters Get Help Ricardo

Project 0 Atlas App Services Charts

DEPLOYMENT Database Data Lake PREVIEW DATA SERVICES Triggers Data API Data Federation SECURITY Quikstart Database Access Network Access Advanced

RICARDO'S ORG - 2022-10-16 > PROJECT 0 > DATABASES

Cluster0 VERSION 5.0.13 REGION AWS N. Virginia (us-east-1)

Overview Real Time Metrics Collections Search Profiler Performance Advisor Online Archive Cmd Line Tools

DATABASES: 0 COLLECTIONS: 0

Visualize your data Refresh

### Create Database

Database name <sup>?</sup>

OteimaDB

Collection name <sup>?</sup>

Matricula

Additional Preferences

☐ Capped Collection <sup>?</sup>

Cancel Create

Defina un nombre para la base de datos

System Status: All Good

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Chat

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Project 0 Atlas App Services Charts

DEPLOYMENT Database Data Lake PREVIEW DATA SERVICES Triggers Data API Data Federation SECURITY Quickstart Database Access Network Access Advanced

RICARDO'S ORG - 2022-10-16 > PROJECT 0 > DATABASES

ClusterO VERSION 5.0.13 REGION AWS N. Virginia (us-east-1)

Overview Real Time Metrics Collections Search Profiler Performance Advisor Online Archive Cmd Line Tools

DATABASES: 1 COLLECTIONS: 1 VISUALIZE YOUR DATA REFRESH

+ Create Database

Search Namespaces

OteimaDB Matricula

OteimaDB.Matricula STORAGE SIZE: 4KB LOGICAL DATA SIZE: 0B TOTAL DOCUMENTS: 0 INDEXES TOTAL SIZE: 4KB

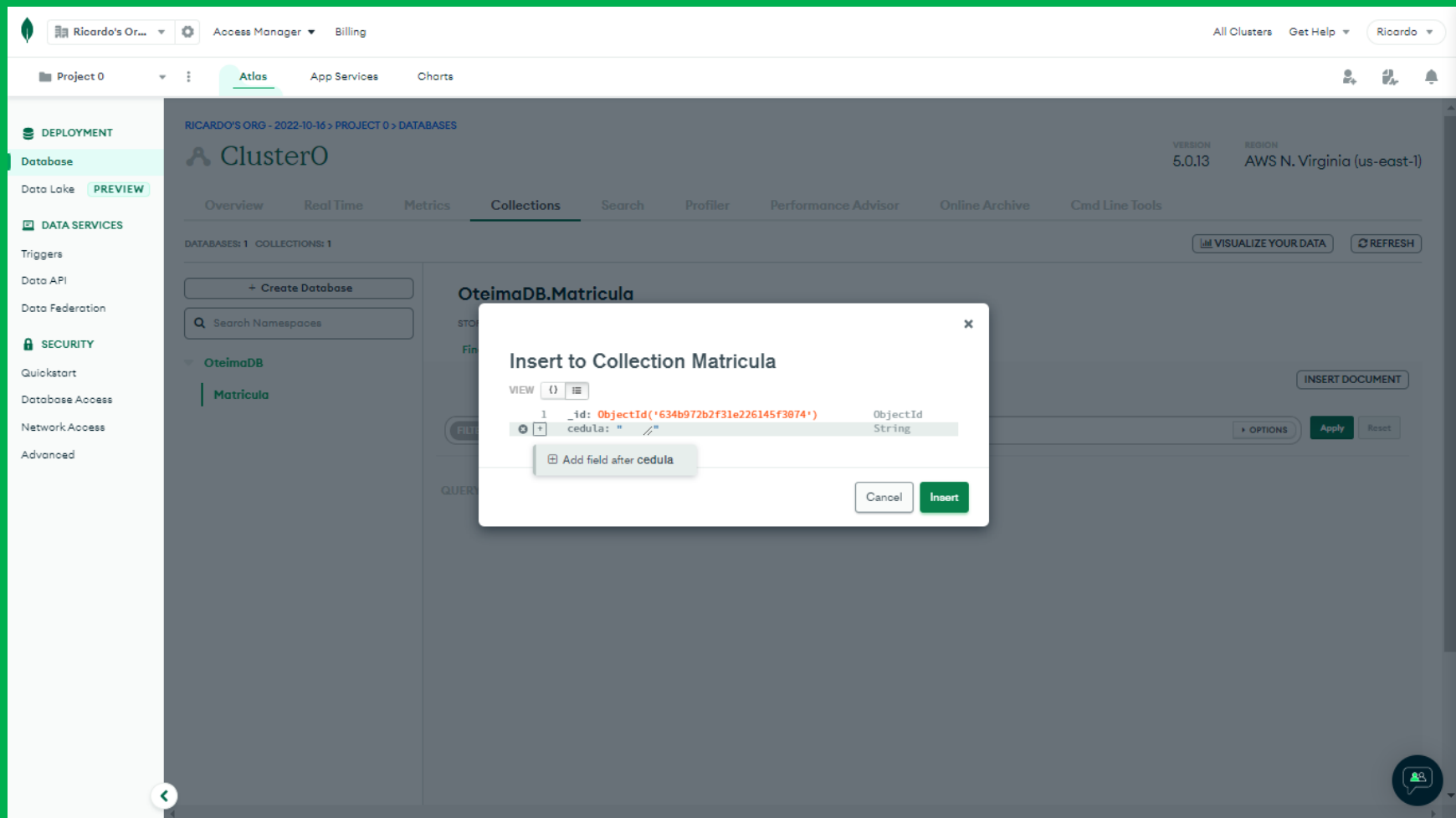
Find Indexes Schema Anti-Patterns Aggregation Search Indexes

INSERT DOCUMENT

FILTER { field: 'value' } OPTIONS Apply Reset

QUERY RESULTS: 0

Hacer click para crear la estructura del documento



Después de llegar hasta aquí, todo es imaginación del ingeniero, cada uno los grupos deberá diseñar la colección matricula, y luego seguir creando el resto de las colecciones, como estudiante, curso, horario.