



CONNEXIÓ JAVA-MONGODB

Activitat 2

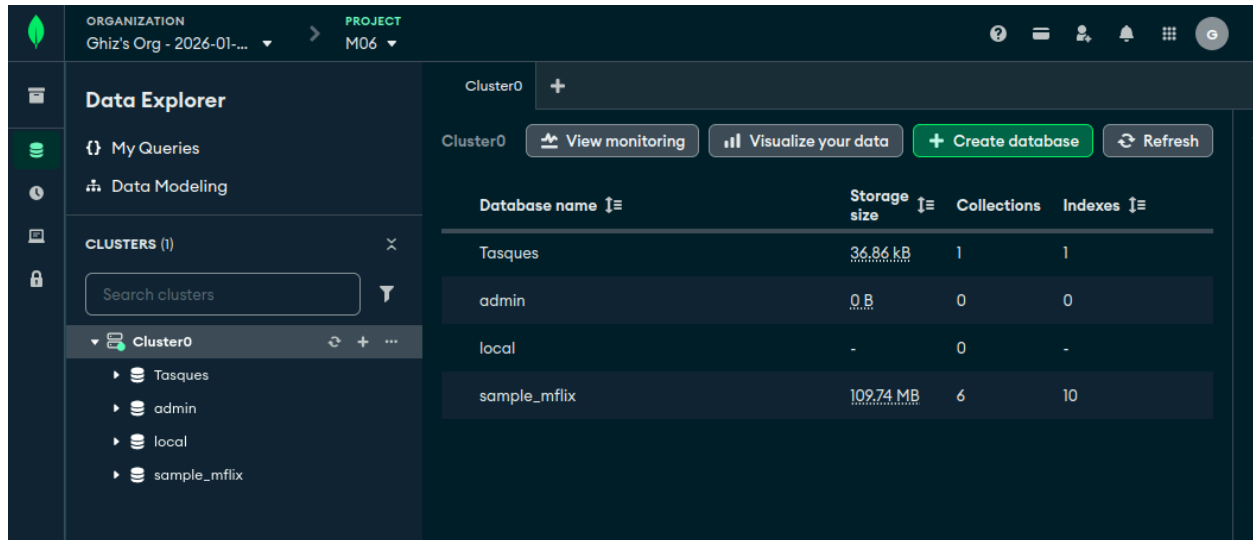
Accés a dades

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1. Registrar-se a MongoDB Atlas i accedir al dashboard de clusters.



2. Crear la base de dades **Tasques** i la col·lecció **Entrades**.

The screenshot shows the 'Create Database' dialog box. It has a title bar with a close button. The form contains the following fields and options:

- Database Name:** A text input field containing 'Tasques'.
- Collection Name:** A text input field containing 'Entrades'.
- ☐ **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)

At the bottom, there are two buttons: 'Cancel' and 'Create Database'.

- Preparar el fitxer tasques.json amb 25 registres. Després vaig importar el fitxer a la col·lecció **Entrades** des de *Import Data* del *Data Explorer*.

The screenshot shows the Databricks Data Explorer interface. On the left, the 'Data Explorer' sidebar displays the 'CLUSTERS (1)' section with a search bar and a tree view showing 'Cluster0' > 'Tasques' > 'Entrades'. The main panel shows the 'Cluster0 > Tasques > Entrades' view. At the top, there are tabs for 'Documents' (25), 'Aggregations', 'Schema', 'Indexes' (1), and 'Validation'. Below the tabs, there are buttons for 'View monitoring', 'Visualize Your Data', 'Explain', 'Reset', 'Find', and 'Options'. A table of 25 documents is displayed, with columns for '_id', 'ObjectID', 'nom', and 'cognom1'. The table shows a list of names and their corresponding IDs.

	_id	ObjectID	nom	cognom1
11	ObjectID('695a7bd38caa7a...	"Joan"	"Pérez"	
12	ObjectID('695a7bfc8caa7a...	"Clara"	"Vila"	
13	ObjectID('695a7c168caa7a...	"Alex"	"Gil"	
14	ObjectID('695a7c318caa7a...	"Eva"	"Navarro"	
15	ObjectID('695a7c478caa7a...	"Pol"	"Martínez"	
16	ObjectID('695a7c628caa7a...	"Marta"	"Pons"	
17	ObjectID('695a7c778caa7a...	"Eric"	"Ribas"	
18	ObjectID('695a7c8b8caa7a...	"Nora"	"Gil"	
19	ObjectID('695a7caa8caa7a...	"Leo"	"Torres"	
20	ObjectID('695a7cc28caa7a...	"Clara"	"Martí"	
21	ObjectID('695a7cda8caa7a...	"Nil"	"Campos"	
22	ObjectID('695a7cee8caa7a...	"Anna"	"Soler"	
23	ObjectID('695a7d058caa7a...	"Marc"	"Ribas"	
24	ObjectID('695a7d1a8caa7a...	"Sofia"	"Vila"	
25	ObjectID('695a7d348caa7a...	"Laura"	"Campos"	

4. He creat un projecte Java amb Maven i afegit la dependència de MongoDB. Després vaig connectar-me a la base de dades i comprovat que funcionava correctament.

Connect to Cluster0

✓

Set up connection security

✓

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
Java	4.3 or later

2. Install your driver

[View MongoDB Java Driver installation instructions.](#)

3. Add your connection string into your application code

Use this connection string in your application

☒ View full code sample

```
mongodb+srv://ghizlane:<db_password>@cluster0.iatampw.mongodb.net/?appName=Cluster0
```

```
ghizlane@ghizlane:~/Documentos/DAM/MP06 (java)/UF3$ /usr/bin/env /usr/lib/jvm/java-17-openjdk-amd64/bin/java @/tmp/cp_85mb03yevm
fyad4hrqkng79dl.argfile activitat2.App
ene 04, 2026 5:18:03 P. M. com.mongodb.diagnostics.logging.Loggers shouldUseSLF4J
ADVERTENCIA: SLF4J not found on the classpath. Logging is disabled for the 'org.mongodb.driver' component
Pinged your deployment. You successfully connected to MongoDB!
ghizlane@ghizlane:~/Documentos/DAM/MP06 (java)/UF3$
```