

SESIÓN 5:

RETO 1

Usando la base de datos `sample_mflix`, proyecta los datos que se solicitan.

- Fecha, nombre y texto de cada comentario.

The screenshot shows the MongoDB Compass interface for the `sample_mflix.comments` collection. The top bar indicates 50.3k documents, a total size of 13.6MB, an average size of 284B, and 1 index with a total size of 480.0KB and an average size of 480.0KB. The interface includes tabs for Documents, Aggregations, Schema, Explain Plan, Indexes, and Validation. The Documents tab is active, showing a list of documents with fields like `_id`, `name`, `text`, and `date`. The first three documents are visible, each with a unique `_id`, a name, a text field, and a date.

- Título, elenco y año de cada película.

The screenshot shows the MongoDB Compass interface for the `sample_mflix.movies` collection. The top bar indicates 23.5k documents, a total size of 35.9MB, an average size of 1.6KB, and 2 indexes with a total size of 13.2MB and an average size of 6.6MB. The interface includes tabs for Documents, Aggregations, Schema, Explain Plan, Indexes, and Validation. The Documents tab is active, showing a list of documents with fields like `_id`, `cast`, `title`, and `year`. The first three documents are visible, each with a unique `_id`, a cast array, a title, and a year.

- Nombre y contraseña de cada usuario.

The screenshot shows the MongoDB Compass interface for the 'sample_mflix.users' collection. The top bar indicates 185 documents, a total size of 28.9KB, and an average size of 160B. Below the bar, the 'Documents' tab is selected, showing a list of documents. The first document is for 'Ned Stark', the second for 'Robert Baratheon', the third for 'Jaime Lannister', and the fourth for 'Fratton Stark'. The interface includes a search bar, a filter section, and a 'FIND' button.

Document	_id	name	password
1	ObjectId("59b99db4cf9a34dcd7885b6")	Ned Stark	"\$2b\$12\$UREFwsRUoyF8CRqGNK8LzO8Hw/jLhgUCNNI39R3AqMUQ74cr1j1Vu"
2	ObjectId("59b99db4cf9a34dcd7885b7")	Robert Baratheon	"\$2b\$12\$yGqXLG9LZpX2xVDhuPnSOZd.VURVxz7wgOLY3pn08s7u2S1Z032y"
3	ObjectId("59b99db4cf9a34dcd7885b8")	Jaime Lannister	"\$2b\$12\$6vz7wiwO.EI5Rilvq1zUc./9480gb1uPtXcahDXIadgyC3P58XCUK"
4	ObjectId("59b99db4cf9a34dcd7885b9")	Fratton Stark	

RETO 2

- ¿Qué comentarios ha hecho Greg Powell?

{name: "Greg Powell" }

sample_mflix.comments

DOCUMENTS 50.3k TOTAL SIZE 13.6MB AVG. SIZE 264B INDEXES 1 TOTAL SIZE 480.0KB AVG. SIZE 480.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER {name: "Greg Powell"} OPTIONS FIND RESET

ADD DATA VIEW

Displaying documents 1 - 20 of 290 C REFRESH

```
{ "_id": "5a9427648b0beebe69579cf", "name": "Greg Powell", "email": "greg_powell@fakegmail.com", "movie_id": "573a1399f29313caabed41b1", "text": "Fenetur dolorum molestiae ea. Eligendi praesentium unde quod porro. Co...", "date": "1987-02-10T00:29:36.000+00:00" }
```

```
{ "_id": "5a9427648b0beebe6957afe", "name": "Greg Powell", "email": "greg_powell@fakegmail.com", "movie_id": "573a1399f29313caabed754b", "text": "Rem nostrum nobis saepe eaque itaque nemo. Fugit dignissimos nisi sapi...", "date": "2013-03-26T16:20:03.000+00:00" }
```

```
{ "_id": "5a9427648b0beebe6957b56", "name": "Greg Powell", "email": "greg_powell@fakegmail.com", "movie_id": "573a1399f29313caabed7e5d", "text": "Officia atque ullam esse doloribus laborum. Maiores dicta ratione rem ...", "date": "2004-04-08T00:21:05.000+00:00" }
```

- ¿Qué comentarios han hecho Greg Powell o Mercedes Tyler?

{name:{\$in ["Greg Powell", "Mercedes Tyler"]}}

sample_mflix.comments

DOCUMENTS 50.3k TOTAL SIZE 13.6MB AVG. SIZE 264B INDEXES 1 TOTAL SIZE 480.0KB AVG. SIZE 480.0KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER {name:{\$in ["Greg Powell", "Mercedes Tyler"]}} OPTIONS FIND RESET

ADD DATA VIEW

Displaying documents 1 - 20 of 50303 C REFRESH

```
{ "_id": "5a9427648b0beebe69579cc", "name": "Andrea Le", "email": "andrea_le@fakegmail.com", "movie_id": "573a1399f29313caabed418c", "text": "Rem officis eaque repellendus amet eos doloribus. Porro dolor volupta...", "date": "2012-03-26T23:20:16.000+00:00" }
```

```
{ "_id": "5a9427648b0beebe69579cf", "name": "Greg Powell", "email": "greg_powell@fakegmail.com", "movie_id": "573a1399f29313caabed41b1", "text": "Fenetur dolorum molestiae ea. Eligendi praesentium unde quod porro. Co...", "date": "1987-02-10T00:29:36.000+00:00" }
```

```
{ "_id": "5a9427648b0beebe69579d8", "name": "Falisa Maeryn", "email": "fona_chapling@meowthron.es", "movie_id": "573a1399f29313caabed41b1", "text": "Saepe itaque ad elit rem unumquodque ad fugiat maxime illum non in iure ...", "date": "2012-03-26T23:20:16.000+00:00" }
```

- ¿Cuál es el máximo número de comentarios en una película?

sample_mflix.movies

DOCUMENTS 23.5k TOTAL SIZE 35.9MB AVG. SIZE 1.6KB INDEXES 2 TOTAL SIZE 13.2MB AVG. SIZE 6.6KB

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER PROJECT {num_mflix_comments: 1} SORT {num_mflix_comments: -1} MAXTIMES 5000 COLLATION SKIP 0 LIMIT 1

VIEW

Displaying documents 1 - 1 of 1 C REFRESH

```
{ "_id": "573a1399f29313caabced886", "num_mflix_comments": 456 }
```

Grupo: 1

¿Cuál es título de las cinco películas más comentadas?

sample_mflix.movies

DOCUMENTS

23.5k

TOTAL SIZE

35.9MB

AVG. SIZE

1.6KB

INDEXES

2

TOTAL SIZE

13.2MB

AVG. SIZE

6.6MB

Documents

Aggregations

Schema

Explain Plan

Indexes

Validation

FILTER

PROJECT

{title: 1}

SORT

{num_mflix_comments: -1}

COLLATION

MAXTIMES

5000

SKIP

0

LIMIT

5

OPTIONS

FIND

RESET

...

VIEW

Displaying documents 1 - 5 of 5

REFRESH

```

_id: ObjectId("573a1399f29313caabcee886")
title: "The Mask"

_id: ObjectId("573a1399f29313caabcee578")
title: "Dumb & Dumber"

_id: ObjectId("573a13bff29313caabd6001f")
title: "The Unborn"

_id: ObjectId("573a13a5f29313caabd159a9")
title: "About a Boy"

_id: ObjectId("573a13a7f29313caabd1aa55")

```