## **Joel Gallarte**

# **Sprint 9**

# **Nivell 1**

## - Exercici 1

• Mostra els 2 primers comentaris que hi ha en la base de dades.

```
▼ Stage 1 $group

                              ▼  
                                                                                                         E3 ···
 1 ▼ {
                                                    Output after $group stage (Sample of 1 document)
       _id: null,
2
3 ▼
      data: {
       $firstN: {
4 🕶
                                                           _id: null
           n: 2,
                                                          ▼ data: Array (2)
           input: "$text"
 6
                                                             0: "Rem officiis eaque repellendus amet eos
7
                                                                doloribus. Porro dolor volupta..."
8
      }
                                                             1: "Tenetur dolorum molestiae ea. Eligendi
9
                                                                praesentium unde quod porro. Co..."
```

• Quants usuaris tenim registrats?

```
V Stage 1 $count

Output after $count stage (Sample of 1 document)

total: 185
```

Quants cinemes hi ha en l'estat de Califòrnia?

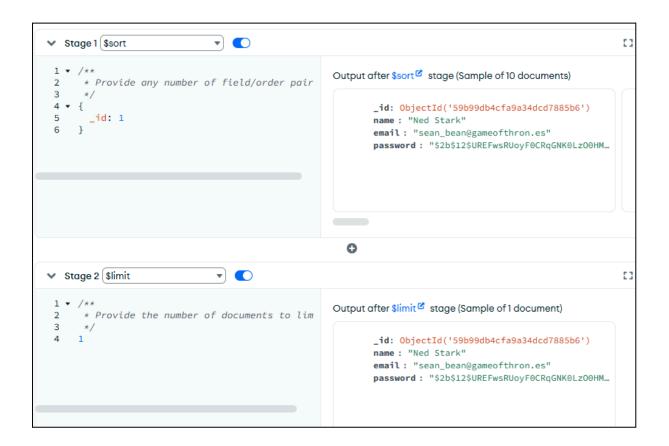
```
✓ Stage 1 $match

                               ▼] 💽
                                                     Output after $match documents)
     * query: The query in MQL.
 2
 4 ▼ {
                                                            _id: ObjectId('59a47286cfa9a3a73e51e72d')
 5
    "location.address.state": "MD"
                                                            theaterId: 1003
                                                           ▶ location : Object

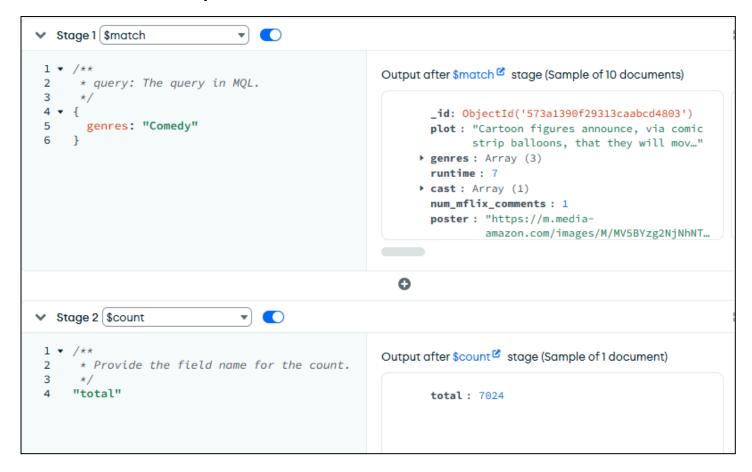
✓ Stage 2 ($count)

     \star Provide the field name for the count. \star/
                                                     Output after $count <sup>™</sup> stage (Sample of 1 document)
 2
 3
    "total"
                                                            total: 36
```

• Quin va ser el primer usuari/ària en registrar-se?



• Quantes pel·lícules de comèdia hi ha en la nostra base de dades?



## - Exercici 2

Mostra'm tots els documents de les pel·lícules produïdes en 1932, però que el gènere sigui drama o estiguin en francès.

```
▼ Stage 1 ($match)

                                                                                                    E3 ···
                                                 Output after $match documents)
     * query: The query in MQL.
 3
 4 ▼ {
                                                        _id: ObjectId('573a1391f29313caabcd9458')
       year: 1932,
 5
                                                        plot: "A young artist draws a face at a
 6 ▼
       $or: [
                                                              canvas on his easel. Suddenly the
 7 🕶
        {
                                                              mou..."
         genres: "Drama"
 8
                                                        runtime: 55
 9
                                                        rated: "UNRATED"
10 •
                                                       ▶ cast: Array (4)
          languages: "French"
11
                                                        num_mflix_comments: 1
        }
12
                                                        poster: "https://m.media-
13
       ]
14 }
```

#### - Exercici 3

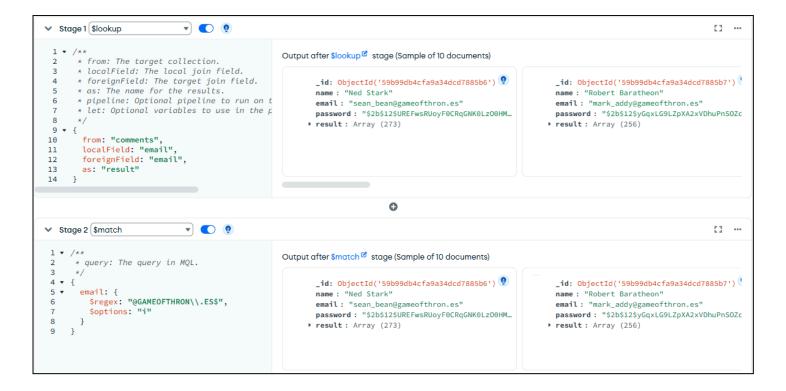
Mostra'm tots els documents de pel·lícules estatunidenques que tinguin entre 5 i 9 premis que van ser produïdes entre 2012 i 2014.

```
Stage 1 $match
                                                   Output after $match documents)
 2
      * query: The query in MQL.
 3
                                                          year: 2013
 4 ▼ {
                                                          plot: "When his job along with that of his
        countries: "USA",
 5
                                                                co-worker are threatened, Walter t..."
        "awards.wins": {
 6 •
                                                         ▶ genres : Array (3)
        $gte: 5,
 7
                                                          rated: "PG"
        $lte: 9
                                                          metacritic: 54
 9
                                                          title: "The Secret Life of Walter Mitty"
10 -
      year: {
                                                          lastupdated: "2015-08-31
11
        $gte: 2012,
                                                                       00:10:51.747000000"
12
         $lte: 2014
                                                         ▶ languages : Array (3)
13
     }
14
```

# Nivell 2

## - Exercici 1

Compte quants comentaris escriu un usuari/ària que utilitza "GAMEOFTHRON.ES" com a domini de correu electrònic.



```
V Stage 3 $project

1 ▼ /**
2 * * specifications: The fields to
3 * include or exclude.
4 */
5 ▼ {
6 ▼ numItems: {
7    $size: "$result"
8    }
9    }

Output after $project  stage (Sample of 10 documents)

_id: ObjectId('59b99db4cfa9a34dcd7885b6')
numItems: 273

_id: ObjectId('59b99db4cfa9a34dcd7885b6')
numItems: 256

Output after $project  numItems: 273

Add ObjectId('59b99db4cfa9a34dcd7885b6')
numItems: 256

Stage (Sample of 10 documents)

Add ObjectId('59b99db4cfa9a34dcd7885b6')
numItems: 256

Output after $project  numItems: 273

Add ObjectId('59b99db4cfa9a34dcd7885b6')
numItems: 256

Output after $project  numItems: 273

Add ObjectId('59b99db4cfa9a34dcd7885b6')
numItems: 273

Output after $project  numItems: 273

Add ObjectId('59b99db4cfa9a34dcd7885b6')
numItems: 273

Output after $project  numItems: 273

Output after $project  numItems: 273

Add ObjectId('59b99db4cfa9a34dcd7885b6')
numItems: 273

Output after $project  numItems: 273

Output after $proje
```

## - Exercici 2

# Quants cinemes hi ha en cada codi postal situats dins de l'estat Washington D. C. (DC)?



# Nivell 3

#### - Exercici 1

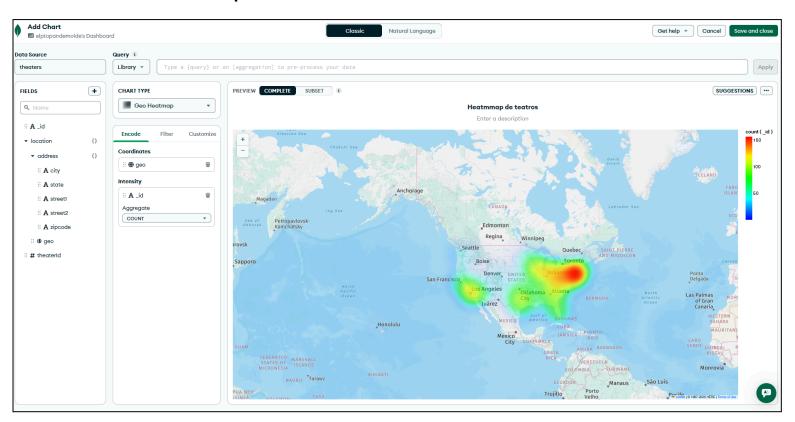
Troba totes les pel·lícules dirigides per John Landis amb una puntuació IMDb (Internet Movie Database) d'entre 7,5 i 8.

```
✓ Stage 1 $\infty$ match

                                                                                                                                                £3 ···
                                                  Output after $match documents)
      * query: The query in MQL.
 4 • {
                                                          _id: ObjectId('573a1397f29313caabce6d94')
                                                                                                              _id: ObjectId('573a1397f29313caabce76f7')
       directors: "John Landis",
                                                                                                             fullplot: "Faber College has one frat house
       "imdb.rating": {
                                                                   so disreputable it will take
         $gte: 7.5,
$lte: 8
                                                                   anyone. ..."
                                                        ▶ imdb : Object
                                                                                                            ▶ genres : Array (3)
 9
                                                                                                             runtime: 133
                                                          year: 1978
10
                                                          plot: "At a 1962 college, Dean Vernon
                                                                                                             rated: "R"
                                                                Wormer is determined to expel the entir..."
                                                                                                            ▶ cast : Array (4)
                                                                                                             num_mflix_comments: 1
```

## - Exercici 2

Mostra en un mapa la ubicació de tots els teatres de la base de dades.



Usando atlas charts.