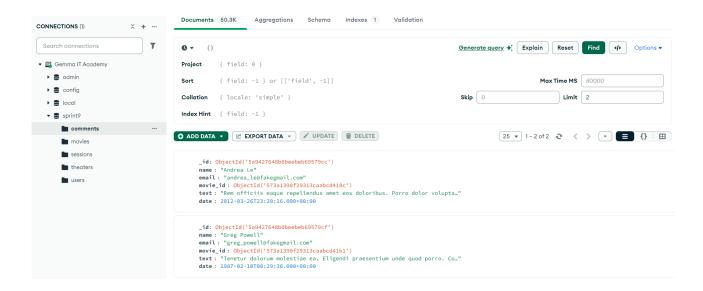
Nivell 1

Exercici 1

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



• Quants usuaris tenim registrats?

```
>_MONGOSH

> use sprint9

< switched to db sprint9

> db.users.countDocuments()

< 185
```

· Quants cinemes hi ha en l'estat de Califòrnia?

```
> db.theaters.find({"location.address.state": "CA"}).count()
< 169</pre>
```

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

```
> db.users.find().sort({created_at: 1}).limit(1)

< {
    _id: ObjectId('59b99db4cfa9a34dcd7885b6'),
    name: 'Ned Stark',
    email: 'sean_bean@gameofthron.es',
    password: '$2b$12$UREFwsRUoyF0CRqGNK0LzO0HM/jLhgUCNNIJ9RJAqMUQ74crlJ1Vu'
}</pre>
```

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

```
> db.movies.countDocuments({genres: "Comedy"})
< 7024</pre>
```

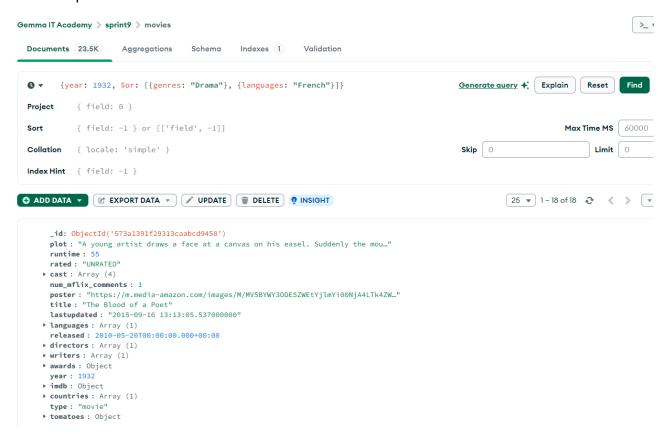
Exercici 2

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

```
>_MONGOSH
db.movies.find({year: 1932, $or: [{genres: "Drama"}, {languages: "French"}]})
   _id: ObjectId('573a1391f29313caabcd9458'),
   plot: 'A young artist draws a face at a canvas on his easel. Suddenly the mouth on the drawing comes into life and starts talking. The artist tries to w
   rated: 'UNRATED',
   title: 'The Blood of a Poet',
   tomatoes: {
      numReviews: 2865.
     dvd: 2008-04-29T00:00:00.000Z,
       meter: 94
```

```
plot: 'Junta is hated by the people in the village where she lives, especially by the women, who suspect her of being a witch. Only she can climb the no
genres: [
  'Fantasy',
  'Mathias Wieman',
poster: 'https://m.media-amazon.com/images/M/MV5BNTQ1NTMzMTQt0DIyYS00MTAxLWE1NTgtZGFkZTE2YmZkZmNjXkEyXkFqcGdeQXVyNTA2NDc40A@e._V1_SY1000_SX677_AL_.jpg',
fullplot: 'Junta is hated by the people in the village where she lives, especially by the women, who suspect her of being a witch. Only she can climb the
released: 1934-05-08T00:00:00.000Z,
 'Bèla Balèzs'
 'Bèla Balèzs',
lastupdated: '2015-08-03 01:02:12.350000000',
   meter: 61
  dvd: 2006-08-22T00:00:00.000Z,
 critic f
  fresh: 6
 'Drama'
poster: 'https://m.media-amazon.com/images/M/MV5BYzJlMDZjM2QtNWU4Ny00ZGRiLTljNjctZGZjNGM2ZmIzN2I1XkEyXkFqcGdeQXVyMjUxODE0MDY@._V1_SY1000_SX677_AL_.jpg',
released: 1932-01-24T00:00:00.000Z,
```

També es pot fer sense el shell:

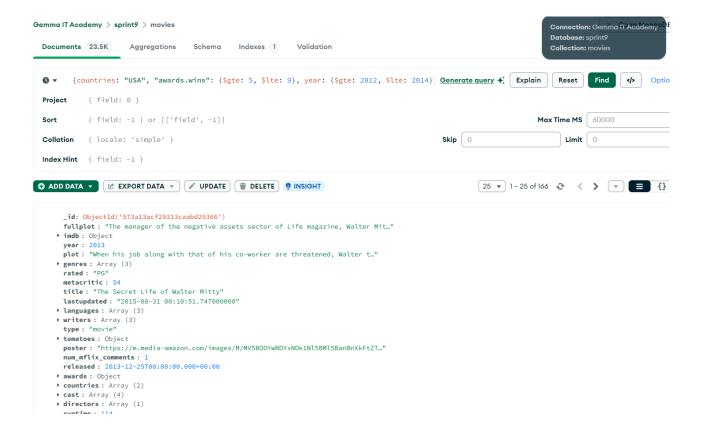


Exercici 3

Sino:

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

Si es fa amb el Shell: db.movies.find({countries: "USA", "awards.wins": {\$gte: 5, \$lte: 9}, year: {\$gte: 2012, \$lte: 2014}})



Nivell 2

Exercici 1

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

```
> db.comments.countDocuments({email: {$regex: /@gameofthron.es$/i}})
< 22841</pre>
```



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.

[...]

```
Gemma IT Academy > sprint9 > movies
                                                                                                                                       >_ Open Mong
 Documents 23.5K
                    Aggregations Schema Indexes 1 Validation
        {directors: "John Landis", "imdb.rating": {\$gte: 7.5, \$lte: 8}}
                                                                                                0 -
  Project
            { field: 0 }
            { field: -1 } or [['field', -1]]
                                                                                                                       Max Time MS 60000
  Sort
  Collation { locale: 'simple' }
                                                                                                 Skip 0
                                                                                                                             Limit 0
  Index Hint { field: -1 }
◆ ADD DATA ▼ 

② EXPORT DATA ▼ 

② UPDATE 

③ DELETE 
③ INSIGHT
                                                                                                           _id: ObjectId('573a1397f29313caabce6d94')
       fullplot: "Faber College has one frat house so disreputable it will take anyone. ..."
      year: 1978
plot: "At a 1962 college, Dean Vernon Wormer is determined to expel the entir..."
     penres: Array (1)
rated: "R"
       metacritic: 82
      title: "Animal House"
       lastupdated: "2015-09-13 00:02:47.803000000"
     ▶ languages : Array (2)
▶ writers : Array (3)
     type: "movie"

tomatoes: Object
      poster : "https://m.media-amazon.com/images/M/MV5BM2M2ZDA4MTYtOGRjMi000Tg5LWI1ZT..."
      num_mflix_comments: 1
       released: 1978-07-28T00:00:00.000+00:00
     ▶ awards : Object
     ▶ countries : Array (1)
     ▶ cast : Array (4)
▶ directors : Array (1)
      runtime: 109
```

Exercici 2

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

