

SPRINT 9:

Nivell 1:

- Exercici 1: Mostra els 2 primers comentaris que hi ha en la base de dades.

```
> db.comments.find().limit(2)
< {
  _id: ObjectId('5a9427648b0beebe69579cc'),
  name: 'Andrea Le',
  email: 'andrea_le@fakegmail.com',
  movie_id: ObjectId('573a1390f29313caabcd418c'),
  text: 'Rem officiis eaque repellendus amet eos doloribus. Porro dolor voluptatum voluptates neque culpa molestias. Volu',
  date: 2012-03-26T23:20:16.000Z
}
{
  _id: ObjectId('5a9427648b0beebe69579cf'),
  name: 'Greg Powell',
  email: 'greg_powell@fakegmail.com',
  movie_id: ObjectId('573a1390f29313caabcd41b1'),
  text: 'Tenetur dolorum molestiae ea. Eligendi praesentium unde quod porro. Commodi nisi sit placeat rerum vero cupidit',
  date: 1987-02-10T00:29:36.000Z
}
```

- Quants usuaris tenim registrats?

```
> db.users.count()
< DeprecationWarning: Collection.count() is deprecated. Use countDocuments or estimatedDocumentCount.
< 185
```

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

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

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

```
> db.users.find().sort({_id:1}).limit(1)
< {
  _id: ObjectId('59b99db4cfa9a34dcd7885b6'),
  name: 'Ned Stark',
  email: 'sean_bean@gameofthron.es',
  password: '$2b$12$UREFwsRUoyF0CRqGNK0Lz00HM/jLhgUCNNIJ9RJAqMUQ74cr1J1Vu'
}
```

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

```
> db.movies.count({genres:"Comedy"})
< 7024
```

- Exercici 2: Mostra'm tots els documents de les pel·lícules produïdes el 1932, però que el gènere sigui drama o estiguin en francès.

```
db.movies.find((year:1932, $or:[{genres:"Drama"},{languages:"French"}]))
< {
  _id: ObjectId('573a1391f29313caabcf945e'),
  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 wipe it away with his hand, but when he looks...',
  runtime: 55,
  rated: 'UNRATED',
  cast: [
    'Enrique Rivero',
    'Elizabeth Lee Miller',
    'Pauline Carton',
    'Odette Talazac'
  ],
  num_oflix_comments: 1,
  poster: 'https://m.media-amazon.com/images/H/WV5BYW3DDE5ZWEtYjIwY08hJ4ALTk4ZmY1MzBhZDE5MjY0YTYxkEYkFqcGdeQXVybzI4NDMyMTUq_V1_SV1808_SX677_AL_.jpg',
  title: 'The Blood of a Poet',
  lastupdated: '2015-09-16 13:13:05.537000000',
  languages: [
    'French'
  ],
  released: 2010-05-20T00:00:00.000Z,
  directors: [
    'Jean Cocteau'
  ],
  writers: [
    'Jean Cocteau'
  ],
  awards: {
    wins: 1,
    nominations: 0,
    text: '1 win.'
  },
  year: 1932,
  imdb: {
    rating: 7.5,
    votes: 3903,
    id: 21331
  },
  countries: [
    'France'
  ],
  type: 'movie',
}
```

- 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

```

    ...movies.find((country:'USA', 'awards.wins':(gte:0, lte:9), year:(gte:2012, lte:2014)))
  {
    _id: ObjectId('573a13ac29313caab29386'),
    fullplot: 'The manager of the negative assets sector of Life Magazine, Walter Mitty, has been working for sixteen years for the magazine and has a tedious life, not going anywhere but from his home to his job and vice-versa. He is an escapee',
    imdb: {
      rating: 7.4,
      votes: 211230,
      id: 259958
    },
    year: 2013,
    plot: 'When his job along with that of his co-worker are threatened, Walter takes action in the real world embarking on a global journey that turns into an adventure more extraordinary than anything he could have ever imagined.',
    genres: [
      'Adventure',
      'Comedy',
      'Drama'
    ],
    rated: 'PG',
    metascore: 54,
    title: 'The Secret Life of Walter Mitty',
    lastUpdated: '2013-08-31 00:10:51.747000000',
    languages: [
      'English',
      'Spanish',
      'Icelandic'
    ],
    writers: [
      'Steve Conrad (screenplay)',
      'Steve Conrad (screen story by)',
      'James Thurber (based on the short story by)'
    ],
    type: 'movie',
    tomato: {
      url: 'http://WalterMitty.com',
      voters: {
        rating: 3.7,
        numReviews: 77663,
        meter: 70
      },
      date: 2014-08-15T00:00:00.000Z,
      critic:

```

Nivell 2:

- Exercici 1: Compta quants comentaris escriu un usuari/ària que utilitza "GAMEOFTHRON.ES" com a domini de correu electrònic

```
> db.comments.count({email:/@gameofthron\.es/})  
< 22841
```

```
> db.comments.count({email:"oona_chaplin@gameofthron.es"})  
< 290
```

- Exercici 2: Quants cinemes hi ha en cada codi postal situats dins de l'estat Washington D. C. (DC)?

```
> db.theaters.aggregate([{$match:{"location.address.state":"DC"}}, {$group: {_id: "$location.address.zipcode", count:{$sum:1}}})  
< {  
  _id: '20010',  
  count: 1  
}  
{  
  _id: '20002',  
  count: 1  
}  
{  
  _id: '20016',  
  count: 1  
}
```

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.

```
> db.movies.find({directors:"John Landis", "imdb.rating":{$gte:7.5, $lte:8}})  
< {  
  _id: ObjectId('573a1397f29313caabce6d94'),  
  fullplot: "Faber College has one frat house so disreputable it will take anyone. It has a second one full of white, anglo-saxon, rich young men who are so sanctimonious na  
  imdb: {  
    rating: 7.6,  
    votes: 84834,  
    id: 77975  
  },  
  year: 1978,  
  plot: "At a 1962 college, Dean Vernon Wormer is determined to expel the entire Delta Tau Chi Fraternity, but those trouble-makers have other plans for him.",  
  genres: [  
    'Comedy'  
  ],  
  rated: 'R',  
  metacritic: 82,  
  title: 'Animal House',  
  lastupdated: '2015-09-13 00:02:47.803000000',  
  languages: [  
    'English',  
    'Italian'  
  ],  
  writers: [  
    'Harold Ramis',  
    'Douglas Kenney',  
    'Chris Miller'  
  ],  
  type: 'movie',  
  tomatoes: {  
    website: 'http://www.animalhouse.com/',  
    viewer: {
```

- Exercici 2: Mostra en un mapa la ubicació de tots els teatres de la base de dades.

localhost:27017 > sprint9 > theaters

[Open MongoDB](#)

Documents 1.6K Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or [Generate query](#)

Reset

Analyze

Options

EXPORT SCHEMA

This report is based on a sample of 1000 documents. [Learn more](#)

geo

coordinates

