

## Consultas en la colección películas

1. Obtener todos los documentos y mostrar solo el título y año.

```
cine> db.peliculas.find({"titulo":1,"anio":1})
cine> db.peliculas.find({},{"titulo":1,"anio":1})
[
  {
    _id: ObjectId("6363d173e9a133b233fd04a6"),
    titulo: 'Fight Club',
    anio: 1999
  },
  {
    _id: ObjectId("6363d1bde9a133b233fd04a7"),
    titulo: 'Pulp Fiction',
    anio: 1994
  },
  {
    _id: ObjectId("6363d257e9a133b233fd04a8"),
    titulo: 'Inglorious Basterds',
    anio: 2009
  },
  {
    _id: ObjectId("6363d2e6e9a133b233fd04a9"),
    titulo: 'The Hobbit:An Unexpected Journey',
    anio: 2012
  },
  {
    _id: ObjectId("6363d304e9a133b233fd04aa"),
    titulo: 'The Hobbit:The Desolation of Smaug',
    anio: 2013
  },
  {
    _id: ObjectId("6363d32ee9a133b233fd04ab"),
    titulo: 'The Battle of the Five Armies',
    anio: 2013
  },
  {
    _id: ObjectId("6363d524e9a133b233fd04ac"),
    titulo: 'Pee Wee Herman's Big Adventure'
  },
  { _id: ObjectId("6363d52be9a133b233fd04ad"), titulo: 'Avatar' }
]
cine>
```

2. Obtener documentos con director igual a "Quentin Tarantino", mostrar titulo y actores.

```
]
cine> db.peliculas.find({"director":"Quentin Tarantino"},{"titulo":1,"actores":1})
[
  {
    _id: ObjectId("6363d1bde9a133b233fd04a7"),
    titulo: 'Pulp Fiction',
    actores: [ 'John Travolta', 'Uma Thurman' ]
  },
  {
    _id: ObjectId("6363d257e9a133b233fd04a8"),
    titulo: 'Inglorious Basterds',
    actores: [ 'John Travolta', 'Diana Kruger', 'Eli Roth' ]
  }
]
cine>
```

3. Obtener documentos con actores que incluyan a "Brad Pitt", mostrar título, año y director.

```
cine> db.peliculas.find({actores:"Brad Pitt"},{"titulo":1,"actores":1,"anio":1})
[
  {
    _id: ObjectId("6363d173e9a133b233fd04a6"),
    titulo: 'Fight Club',
    anio: 1999,
    actores: [ 'Brad Pitt' ]
  },
  {
    _id: ObjectId("6363d257e9a133b233fd04a8"),
    titulo: 'Inglorious Basterds',
    anio: 2009,
    actores: [ 'Brad Pitt' ]
  }
]
cine>
```

4. Obtener documentos con saga igual a "The Hobbit", mostrar título y sinopsis.

```
cine> db.peliculas.find({saga:"The Hobbit"},{"titulo":1,"sinopsis":1})
[
  {
    _id: ObjectId("6363d2e6e9a133b233fd04a9"),
    titulo: 'The Hobbit:An Unexpected Journey'
  },
  {
    _id: ObjectId("6363d304e9a133b233fd04aa"),
    titulo: 'The Hobbit:The Desolation of Smaug'
  },
  {
    _id: ObjectId("6363d32ee9a133b233fd04ab"),
    titulo: 'The Battle of the Five Armies',
    sinopsis: 'Bilbo and Company are forced to engage in a war against an array'
  }
]
cine>
```

5. Obtener todas las películas de los 90s, ordenada de más reciente a menos y muestra el título y año

```
cine> db.peliculas.find({"anio":{"$gte:1990","anio":{"$lt:2000}}},{ "titulo":1,"director":1,"saga":1,"anio":1}).sort({"anio":1})
[
  {
    _id: ObjectId("6363d1bde9a133b233fd04a7"),
    titulo: 'Pulp Fiction',
    director: 'Quentin Tarantino',
    anio: 1994
  },
  {
    _id: ObjectId("6363d173e9a133b233fd04a6"),
    titulo: 'Fight Club',
    director: 'Chuck Palahniuk',
    anio: 1999
  }
]
cine>
```

6. Obtener las películas estrenadas entre el año 2000 y 2010, ordenadas alfabéticamente por el título y muestra título, director y saga.

```
]
cine> db.peliculas.find({"anio":{"$gte:2000","anio":{"$lt:2010}}},{titulo:1,director:1,saga:1}).sort({"titulo":1})
[
  {
    _id: ObjectId("6363d173e9a133b233fd04a6"),
    titulo: 'Fight Club',
    director: 'Chuck Palahniuk'
  },
  {
    _id: ObjectId("6363d257e9a133b233fd04a8"),
    titulo: 'Inglorious Basterds',
    director: 'Quentin Tarantino'
  },
  {
    _id: ObjectId("6363d1bde9a133b233fd04a7"),
    titulo: 'Pulp Fiction',
    director: 'Quentin Tarantino'
  }
]
cine>
```

## Actualizar Documentos

1. Agregar sinopsis a "The Hobbit: An Unexpected Journey" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug."

```
cine> db.peliculas.updateOne({"titulo":"The Hobbit:An Unexpected Journey"},{$set:{ "sinopsis":"A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug."}})
cine>
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

2. Agregar sinopsis a "The Hobbit: The Desolation of Smaug" : "The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring."

```
cine> db.peliculas.updateOne({"titulo":"The Hobbit: The Desolation of Smaug"},{$set:{ "sinopsis":"The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring."}})
cine>
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

### 3. Agregar un actor llamado "Samuel L. Jackson" a la película "Pulp Fiction"

```
cine> db.peliculas.updateOne({titulo:"Pulp Fiction"},{$push:{actores:"Samuel L.Jackson"}})
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
cine>
```

## Búsqueda por Texto / Text Search

### 1. Encontrar las películas que en la sinopsis contengan la palabra "Bilbo"

```
cine> db.peliculas.find({"sinopsis":{$regex:"Bilbo"}})
[
  {
    _id: ObjectId("6363d304e9a133b233fd04aa"),
    titulo: 'The Hobbit:The Desolation of Smaug',
    director: 'J.R.R. Tolkein',
    anio: 2013,
    saga: 'The Hobbit',
    sinopsis: 'The dwarves,along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of amysterious and magical ring.'
  }
]
cine>
```

### 2. Encontrar las películas que en la sinopsis contengan la palabra "Gandalf"

```
]
cine> db.peliculas.find({"sinopsis":{$regex:"Gandalf"}})
[
  {
    _id: ObjectId("6363d304e9a133b233fd04aa"),
    titulo: 'The Hobbit:The Desolation of Smaug',
    director: 'J.R.R. Tolkein',
    anio: 2013,
    saga: 'The Hobbit',
    sinopsis: 'The dwarves,along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of amysterious and magical ring.'
  }
]
cine>
```

### 3. Encontrar las películas que en la sinopsis contengan la palabra "Bilbo" y no la palabra "Gandalf"

```
cine> db.peliculas.find({$and:[{$nor:[{sinopsis:{$regex:"Gandalf"}}]},{sinopsis:{$regex:"Bilbo"}}]})
[
  {
    _id: ObjectId("6363d2e6e9a133b233fd04a9"),
    titulo: 'The Hobbit:An Unexpected Journey',
    director: 'J.R.R. Tolkein',
    anio: 2012,
    saga: 'The Hobbit',
    sinopsis: 'A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug.'
  },
  {
    _id: ObjectId("6363d32ee9a133b233fd04ab"),
    titulo: 'The Battle of the Five Armies',
    director: 'J.R.R. Tolkein',
    anio: 2013,
    saga: 'The Hobbit',
    sinopsis: 'Bilbo and Company are forced to engage in a war against an array'
  }
]
cine>
```

#### 4. Encontrar las películas que en la sinopsis contengan la palabra "dwarves" ó "hobbit"

```
cine> db.peliculas.find({'$or':{'sinopsis':{'regex':'dwarves'}},{'sinopsis':'hobbit'}})
[
  {
    _id: ObjectId("6363d304e9a133b233fd04aa"),
    titulo: 'The Hobbit:The Desolation of Smaug',
    director: 'J.R.R. Tolkein',
    anio: 2013,
    saga: 'The Hobbit',
    sinopsis: 'The dwarves,along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaimErebor, their homeland, from Smaug. Bilbo Baggins is in possession of
  }
]
cine>
```

#### 5. Encontrar las películas que en la sinopsis contengan la palabra "gold" y "dragon"

```
cine> db.peliculas.find({'$and':{'sinopsis':{'regex':'thedragon'}},{'sinopsis':{'regex':'gold'}}})
[
  {
    _id: ObjectId("6363d2e6e9a133b233fd04a9"),
    titulo: 'The Hobbit:An Unexpected Journey',
    director: 'J.R.R. Tolkein',
    anio: 2012,
    saga: 'The Hobbit',
    sinopsis: 'A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group
of dwarves to reclaim their mountain home - and the gold within it - from thedragon Smaug.'
  }
]
cine>
```

#### Eliminar Documentos

##### 1.Eliminar la película "Pee Wee Herman's Big Adventure"

```
]
cine> db.peliculas.remove({"titulo":"Pee Wee Herman's Big Adventure"})
{ acknowledged: true, deletedCount: 1 }
cine>
```

##### 2.Eliminar la película "Avatar"

```
[ acknowledged: true, deletedCount: 1 ]
cine> db.peliculas.remove({"titulo":"Avatar"})
{ acknowledged: true, deletedCount: 1 }
cine>
```