

## Taller quinta semana MongoDB

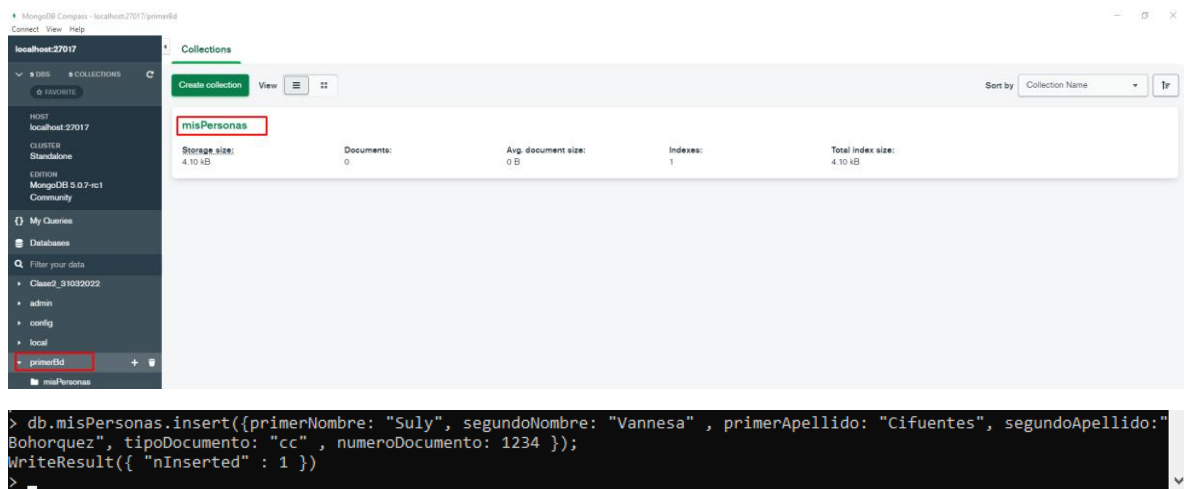
**Nombre estudiante: Suly Vannesa Cifuentes Bohórquez**

Hemos aprendido sobre los diferentes conceptos y consultas que tiene la base de datos NoSql MongoDB por esa razón vamos a resolver un par de interrogantes:

1-Vamos a crear un bd llamada primerBd, posteriormente vamos a crear una colección llamada misPersonas, la cual va a contener los siguientes atributos o campos:

- primerNombre
- segundoNombre
- primerApellido
- segundoApellido
- tipoDocumento
- numeroDocumento

Vas a alimentar 10 documentos con nombre reales o ficticios. Lo puedes realizar desde el entorno gráfico o consola.



primerBd.misPersonas

Documents

Aggregations

Schema

Explain Plan

Indexes

Validation

DOCUMENTS 2

STORAGE SIZE 4.1KB

AVG. SIZE 177B

INDEXES 1

TOTAL SIZE 4.1KB

AVG. SIZE 4.1KB

1 FILTER ( field: 'value' )

» OPTIONS

FIND

RESET

↺

↻

ADD DATA

↑

VIEW

🔍

📄

📄

Displaying documents 1 - 10 of 10 < > ↻ REFRESH

# misPersonas

	_id ObjectId	primerNombre String	segundoNombre String	primerApellido String	segundoApellido String	tipoDocumento String	numeroDocumento Double	
1	ObjectId("6249ef0cd6869ec2214...")	"Suly"	"Vannesa"	"Cifuentes"	"Bohorquez"	"cc"	1234	✎ 🔍 🗑
2	ObjectId("6249ef0fd6869ec2214...")	"Sara"	"Victoria"	"Gomez"	"Delgado"	"cc"	12345	✎ 🔍 🗑
3	ObjectId("6249ef3dd6869ec2214...")	"Saly"	"Vicky"	"Galindo"	"D"	"cc"	12345	✎ 🔍 🗑
4	ObjectId("6249ef65d6869ec2214...")	"Sol"	"Valeria"	"Chavez"	"Blanco"	"ti"	12	✎ 🔍 🗑
5	ObjectId("6249ef93d6869ec2214...")	"Laura"	"Esther"	"Coral"	"James"	"ti"	1254	✎ 🔍 🗑
6	ObjectId("6249ef93d6869ec2214...")	"Erika"	"Paola"	"Parra"	"Fonseca"	"cc"	1254	✎ 🔍 🗑
7	ObjectId("6249ef03d6869ec2214...")	"Kristian"	"David"	"Sierra"	"Lopez"	"cc"	789	✎ 🔍 🗑
8	ObjectId("6249ef03d6869ec2214...")	"Aurea"	"Luisa"	"Salento"	"Suarez"	"ti"	78109	✎ 🔍 🗑
9	ObjectId("6249ef03d6869ec2214...")	"Dolores"	"Helena"	"Otero"	"Susatan"	"cc"	7811289	✎ 🔍 🗑
10	ObjectId("6249ef03d6869ec2214...")	"Valeria"	"Maria"	"Clarck"	"Giordano"	"cc"	78111289	✎ 🔍 🗑

2-Desde la consola vas a correr el comando: `find().pretty()`.

```

Simbolo del sistema - mongo db
db.misPersonas.find().pretty()
{
  "_id" : ObjectId("6249ef0cd6869ec221453b16"),
  "primerNombre" : "Suly",
  "segundoNombre" : "Vannesa",
  "primerApellido" : "Cifuentes",
  "segundoApellido" : "Bohorquez",
  "tipoDocumento" : "cc",
  "numeroDocumento" : 1234
}
{
  "_id" : ObjectId("6249ef0fd6869ec221453b17"),
  "primerNombre" : "Sara",
  "segundoNombre" : "Victoria",
  "primerApellido" : "Gomez",
  "segundoApellido" : "Delgado",
  "tipoDocumento" : "cc",
  "numeroDocumento" : 12345
}
{
  "_id" : ObjectId("6249ef3dd6869ec221453b18"),
  "primerNombre" : "Saly",
  "segundoNombre" : "Vicky",
  "primerApellido" : "Galindo",
  "segundoApellido" : "D",
  "tipoDocumento" : "cc",
  "numeroDocumento" : 12345
}
{
  "_id" : ObjectId("6249ef65d6869ec221453b19"),
  "primerNombre" : "Sol",
  "segundoNombre" : "Valeria",
  "primerApellido" : "Chavez",
  "segundoApellido" : "Blanco",
  "tipoDocumento" : "ti",
  "numeroDocumento" : 12
}
{
  "_id" : ObjectId("6249ef93d6869ec221453b1a"),
  "primerNombre" : "Laura",
  "segundoNombre" : "Esther",
  "primerApellido" : "Coral",
  "segundoApellido" : "James",
  "tipoDocumento" : "ti",
  "numeroDocumento" : 1254
}

```

3-Desde la consola vas a correr el comando: `updateOne` y vas a cambiar 3 registros.

```

>
> db.misPersonas.updateOne({primerNombre: "Valeria"}, {$set: {primerApellido : "Lorenz Actualizado"}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.misPersonas.updateOne({primerNombre: "Dolores"}, {$set: {primerApellido : "Perez Actualizado"}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
> db.misPersonas.updateOne({primerNombre: "Aura"}, {$set: {primerApellido : "Juarez Actualizado"}})
{ "acknowledged" : true, "matchedCount" : 1, "modifiedCount" : 1 }
>

```

Simbolo del sistema - mongo db

```

"numeroDocumento" : 789
{
  "_id" : ObjectId("6249f062d6869ec221453b1d"),
  "primerNombre" : "Aura",
  "segundoNombre" : "Luisa",
  "primerApellido" : "Juarez Actualizado",
  "segundoApellido" : "Suarez",
  "tipoDocumento" : "ti",
  "numeroDocumento" : 78109
}
{
  "_id" : ObjectId("6249f083d6869ec221453b1e"),
  "primerNombre" : "Dolores",
  "segundoNombre" : "Helena",
  "primerApellido" : "Perez Actualizado",
  "segundoApellido" : "Susatan",
  "tipoDocumento" : "cc",
  "numeroDocumento" : 7811209
}
{
  "_id" : ObjectId("6249f0a5d6869ec221453b1f"),
  "primerNombre" : "Valeria",
  "segundoNombre" : "Amaria",
  "primerApellido" : "Lorenz Actualizado",
  "segundoApellido" : "Giordano",
  "tipoDocumento" : "cc",
  "numeroDocumento" : 78111209
}
-

```

4-Desde la consola vas a correr el comando: **update** y vas a cambiar el campo segundoNombre(le vas a colocar actualizados) de todos los registros que tenga tipo de documento cc o cedula. Recuerda que debes usar **multi:true**

```

> db.misPersonas.update({tipoDocumento:"cc"}, {$set:{segundoNombre: "Actualizados"}},{multi:true});
WriteResult({ "nMatched" : 7, "nUpserted" : 0, "nModified" : 7 })
>

```

```
"_id" : ObjectId("6249ef0cd6869ec221453b16"),
"primerNombre" : "Suly",
"segundoNombre" : "Actualizados",
"primerApellido" : "Cifuentes",
"segundoApellido" : "Bohorquez",
"tipoDocumento" : "cc",
"numeroDocumento" : 1234

"_id" : ObjectId("6249ef0fd6869ec221453b17"),
"primerNombre" : "Sara",
"segundoNombre" : "Actualizados",
"primerApellido" : "Gomez",
"segundoApellido" : "Delgado",
"tipoDocumento" : "cc",
"numeroDocumento" : 12345

"_id" : ObjectId("6249ef3dd6869ec221453b18"),
"primerNombre" : "Saly",
"segundoNombre" : "Actualizados",
"primerApellido" : "Galindo",
"segundoApellido" : "D",
"tipoDocumento" : "cc",
"numeroDocumento" : 12345

"_id" : ObjectId("6249ef65d6869ec221453b19"),
"primerNombre" : "Sol",
"segundoNombre" : "Valeria",
"primerApellido" : "Chavez",
"segundoApellido" : "Blanco",
"tipoDocumento" : "ti",
"numeroDocumento" : 12

"_id" : ObjectId("6249ef93d6869ec221453b1a"),
"primerNombre" : "Laura",
"segundoNombre" : "Esther",
"primerApellido" : "Coral",
"segundoApellido" : "James",
"tipoDocumento" : "ti",
"numeroDocumento" : 1254
```

5- Eliminar 3 documentos, los que quieras, recuerda usar el comando remove, y también ten presente que debes usar un parámetro, de lo contrario te eliminara todos los documentos.

primerBd.misPersonas

DOCUMENTS 2 STORAGE SIZE 4.1KB AVG. SIZE 177B INDEXES 1 TOTAL SIZE 4.1KB AVG. SIZE 4.1KB

Documents Aggregations Schema Explain Plan Indexes Validation

Filter { field: "value" } OPTIONS FIND RESET ...

ADD DATA VIEW ...

Displaying documents 1 - 10 of 10 < > C REFRESH

```

{
  "_id": ObjectId("6249ef0d6d69ec221453b16"),
  "primerNombre": "Suly",
  "segundoNombre": "Vanesa",
  "primerApellido": "Clifuentes",
  "segundoApellido": "Bohorquez",
  "tipoDocumento": "cc",
  "numeroDocumento": 1234
}

{
  "_id": ObjectId("6249ef0d6d69ec221453b17"),
  "primerNombre": "Sara",
  "segundoNombre": "Victoria",
  "primerApellido": "Gomez",
  "segundoApellido": "Delgado",
  "tipoDocumento": "cc",
  "numeroDocumento": 12345
}

{
  "_id": ObjectId("6249ef3dd6d69ec221453b18"),
  "primerNombre": "Saly",
  "segundoNombre": "Victory",
  "primerApellido": "Galindo",
  "segundoApellido": "D",
  "tipoDocumento": "cc",
  "numeroDocumento": 12343
}

{
  "_id": ObjectId("6249ef65d6d69ec221453b19"),
  "primerNombre": "Sol",
  "segundoNombre": "Valeria",
  "primerApellido": "Chavez",
  "segundoApellido": "Blanco",
  "tipoDocumento": "ti",
  "numeroDocumento": 12
}

```

```

> db.misPersonas.remove({ numeroDocumento :1234 })
WriteResult({ "nRemoved" : 1 })
> db.misPersonas.remove({ numeroDocumento :12345 })
WriteResult({ "nRemoved" : 2 })
>

```

ADD DATA VIEW ...

Displaying documents 1 - 7 of 7 < > C REFRESH

#	misPersonas	_id ObjectId	primerNombre String	segundoNombre String	primerApellido String	segundoApellido String	tipoDocumento String	numeroDocumento Double
1		ObjectId("6249ef0d6d69ec221453b16")	"Sol"	"Valeria"	"Chavez"	"Blanco"	"ti"	12
2		ObjectId("6249ef3dd6d69ec221453b18")	"Laura"	"Esther"	"Coral"	"James"	"ti"	1254
3		ObjectId("6249ef0d6d69ec221453b17")	"erika"	"Actualizados"	"Perra"	"Fonseca"	"cc"	1254
4		ObjectId("6249ef0d6d69ec221453b16")	"Kristian"	"Actualizados"	"Sierra"	"Lopez"	"cc"	789
5		ObjectId("6249ef0d6d69ec221453b16")	"Aura"	"Actualizados"	"Juares Actualizado"	"Suarez"	"ti"	78189
6		ObjectId("6249ef0d6d69ec221453b16")	"Dolores"	"Actualizados"	"Perez Actualizado"	"Susatan"	"cc"	7811289
7		ObjectId("6249ef65d6d69ec221453b19")	"Valeria"	"Actualizados"	"Lorenz Actualizado"	"Giordano"	"cc"	78111289

6-Vas a insertar(entorno gráfico) un API(La estructura, y puede ser cualquiera) en una base de datos, recuerda que debes crear una nueva bd, y una nueva colección.

ENLACE LISTA DE REPRODUCCIÓN x (423) 27 - Desarrollo Web Full Stack x Taller quinta semana js.docx - Do x hp-api.herokuapp.com/api/characters/house/gryffindor x +

← → ↻ 🏠 🔒 No es seguro | hp-api.herokuapp.com/api/characters/house/gryffindor 📄 📁 ⭐ ⚙️ 📄 📄 📄 📄

📧 Gmail 📺 YouTube 📍 Maps 🗨️ Traducir 📰 Noticias 📅 BOOTCAMP

```
[{"name":"Harry Potter","alternate_names":[],"species":"human","gender":"male","house":"Gryffindor","dateOfBirth":"31-07-1980","yearOfBirth":1980,"wizard":true,"ancestry":"half-blood","eyeColour":"green","hairColour":"black","wand":{"wood":"holly","core":"phoenix feather","length":11},"patronus":"stag","hogwartsStudent":true,"hogwartsStaff":false,"actor":"Daniel Radcliffe","alternate_actors":[],"alive":true,"image":"http://hp-api.herokuapp.com/images/harry.jpg"}, {"name":"Hermione Granger","alternate_names":[],"species":"human","gender":"female","house":"Gryffindor","dateOfBirth":"19-09-1979","yearOfBirth":1979,"wizard":true,"ancestry":"muggleborn","eyeColour":"brown","hairColour":"brown","wand":{"wood":"vine","core":"dragon heartstring","length":13},"patronus":"otter","hogwartsStudent":true,"hogwartsStaff":false,"actor":"Emma Watson","alternate_actors":[],"alive":true,"image":"http://hp-api.herokuapp.com/images/hermione.jpeg"}, {"name":"Ron Weasley","alternate_names":["Dragomir Despard"],"species":"human","gender":"male","house":"Gryffindor","dateOfBirth":"01-03-1980","yearOfBirth":1980,"wizard":true,"ancestry":"pure-blood","eyeColour":"blue","hairColour":"red","wand":{"wood":"willow","core":"unicorn tail-hair","length":14},"patronus":"Jack Russell terrier","hogwartsStudent":true,"hogwartsStaff":false,"actor":"Rupert Grint","alternate_actors":[],"alive":true,"image":"http://hp-api.herokuapp.com/images/ron.jpg"}, {"name":"Minerva McGonagall","alternate_names":[],"species":"human","gender":"female","house":"Gryffindor","dateOfBirth":"04-10-1925","yearOfBirth":1925,"wizard":true,"ancestry":"","eyeColour":"","hairColour":"black","wand":{"wood":"","core":"","length":""},"patronus":"tabby cat","hogwartsStudent":false,"hogwartsStaff":true,"actor":"Dame Maggie Smith","alternate_actors":[],"alive":true,"image":"http://hp-api.herokuapp.com/images/mcgonagall.jpg"}, {"name":"Rubeus Hagrid","alternate_names":[],"species":"half-giant","gender":"male","house":"Gryffindor","dateOfBirth":"06-12-1928","yearOfBirth":1928,"wizard":true,"ancestry":"half-blood","eyeColour":"black","hairColour":"black","wand":{"wood":"oak","core":"","length":16},"patronus":"","hogwartsStudent":false,"hogwartsStaff":true,"actor":"Robbie Coltrane","alternate_actors":[],"alive":true,"image":"http://hp-api.herokuapp.com/images/hagrid.png"}, {"name":"Neville Longbottom","alternate_names":["Peebles"],"species":"human","gender":"male","house":"Gryffindor","dateOfBirth":"03-11-1959","yearOfBirth":1959,"wizard":true,"ancestry":"pure-blood","eyeColour":"grey","hairColour":"black","wand":{"wood":"cherry","core":"unicorn tail-hair","length":13},"patronus":"","hogwartsStudent":true,"hogwartsStaff":false,"actor":"Matthew Lewis","alternate_actors":[],"alive":true,"image":"http://hp-api.herokuapp.com/images/neville.jpg"}, {"name":"Ginny Weasley","alternate_names":[""],"species":"human","gender":"female","house":"Gryffindor","dateOfBirth":"11-08-1981","yearOfBirth":1981,"wizard":true,"ancestry":"pure-blood","eyeColour":"brown","hairColour":"red","wand":{"wood":"yew","core":"","length":""},"patronus":"horse","hogwartsStudent":true,"hogwartsStaff":false,"actor":"Bonnie Wright","alternate_actors":[""],"alive":true,"image":"http://hp-api.herokuapp.com/images/ginny.jpg"}, {"name":"Sirius Black","alternate_names":["Padfoot","Snape"],"species":"human","gender":"male","house":"Gryffindor","dateOfBirth":"03-11-1959","yearOfBirth":1959,"wizard":true,"ancestry":"pure-blood","eyeColour":"grey","hairColour":"black","wand":{"wood":"","core":"","length":""},"patronus":"hare","hogwartsStudent":false,"hogwartsStaff":false,"actor":"Gary Oldman","alternate_actors":["James Walters","Rohan Gotobed"],"alive":false,"image":"http://hp-api.herokuapp.com/images/sirius.JPG"}, {"name":"Remus Lupin","alternate_names":["Hoony","Remus John Lupin"],"species":"werewolf","gender":"male","house":"Gryffindor","dateOfBirth":"10-03-1960","yearOfBirth":1960,"wizard":true,"ancestry":"half-blood","eyeColour":"green","hairColour":"brown","wand":{"wood":"cypress","core":"unicorn tail-hair","length":10.25},"patronus":"wolf","hogwartsStudent":false,"hogwartsStaff":true,"actor":"David Thewlis","alternate_actors":[""],"alive":false,"image":"http://hp-api.herokuapp.com/images/lupin.jpg"}, {"name":"Arthur Weasley","alternate_names":[""],"species":"human","gender":"male","house":"Gryffindor","dateOfBirth":"06-02-1950","yearOfBirth":1950,"wizard":true,"ancestry":"pure-blood","eyeColour":"blue","hairColour":"red","wand":{"wood":"","core":"","length":""},"patronus":"weasel","hogwartsStudent":false,"hogwartsStaff":false,"actor":"Mark Williams","alternate_actors":[""],"alive":true,"image":"http://hp-api.herokuapp.com/images/arthur.jpg"}, {"name":"Lily Potter","alternate_names":[""],"species":"human","gender":"female","house":"Gryffindor","dateOfBirth":"","yearOfBirth":"","wizard":true,"ancestry":"muggleborn","eyeColour":"green","hairColour":"","wand":{"wood":"willow","core":"","length":10.25},"patronus":"","hogwartsStudent":false,"hogwartsStaff":false,"actor":"Geraldine Somerville","alternate_actors":[""],"alive":false,"image":""}, {"name":"James Potter","alternate_names":[""],"species":"human","gender":"male","house":"Gryffindor","dateOfBirth":"","yearOfBirth":"","wizard":true,"ancestry":"muggleborn","eyeColour":"","hairColour":"","wand":{"wood":"","core":"","length":"","patronus":"","hogwartsStudent":"","hogwartsStaff":"","actor":"","alternate_actors":[""],"alive":"","image":""}}, {"name":"Hermione Granger","alternate_names":[""],"species":"human","gender":"female","house":"Gryffindor","dateOfBirth":"","yearOfBirth":"","wizard":true,"ancestry":"muggleborn","eyeColour":"","hairColour":"","wand":{"wood":"","core":"","length":"","patronus":"","hogwartsStudent":"","hogwartsStaff":"","actor":"","alternate_actors":[""],"alive":"","image":""}}]
```

MongoDB Compass - localhost:27017/HarryPotterBd.HousesBd

connect View Collection Help

localhost:27017

7 DBS 4 COLLECTIONS

HOST localhost:27017

CLUSTER Standalone

EDITION MongoDB 5.0.7-r01

Community

My Queries

Databases

Filter your data

Class2\_31032022

HarryPotterBd

Documents

HarryPotterBd.HousesBd

Documents Aggregations Schema Explain

ADD DATA VIEW

Import To Collection HarryPotterBd.HousesBd

Select File

gryffindor.json

Select Input File Type

JSON CSV

Options

Stop on errors

CANCEL IMPORT

This collection has no data

HarryPotterBd.HousesBd

Documents Aggregations Schema Explain Plan Indexes Validation

Filter ( field: 'value' )

ADD DATA VIEW

Options FIND RESET

Displaying documents 1 - 20 of 47

Refresh

```
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "Harry Potter",
  "alternate_names": Array,
  "species": "human",
  "gender": "male",
  "house": "Gryffindor",
  "dateOfBirth": "31-07-1980",
  "yearOfBirth": 1980,
  "wizard": true,
  "ancestry": "half-blood",
  "eyeColour": "green",
  "hairColour": "black",
  "wand": {
    "patronus": "stag",
    "hogwartsStudent": true,
    "hogwartsStaff": false,
    "actor": "Daniel Radcliffe",
    "alternate_actors": Array,
    "alive": true,
    "image": "http://hp-api.herokuapp.com/images/harry.jpg"
  }
},
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "Hermione Granger",
  "alternate_names": Array,
  "species": "human",
  "gender": "female",
  "house": "Gryffindor",
  "dateOfBirth": "19-09-1979",
  "yearOfBirth": 1979,
  "wizard": true,
  "ancestry": "muggleborn",
  "eyeColour": "brown",
  "hairColour": "brown",
  "wand": {
    "patronus": "otter",
    "hogwartsStudent": true,
    "hogwartsStaff": false,
    "actor": "Emma Watson",
    "alternate_actors": Array,
    "alive": true,
    "image": "http://hp-api.herokuapp.com/images/hermione.jpeg"
  }
},
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "Ron Weasley",
  "alternate_names": [
    "Dragomir Despard"
  ],
  "species": "human",
  "gender": "male",
  "house": "Gryffindor",
  "dateOfBirth": "01-03-1980",
  "yearOfBirth": 1980,
  "wizard": true,
  "ancestry": "pure-blood",
  "eyeColour": "blue",
  "hairColour": "red",
  "wand": {
    "wood": "willow",
    "core": "unicorn tail-hair",
    "length": 14
  },
  "patronus": "Jack Russell terrier",
  "hogwartsStudent": true,
  "hogwartsStaff": false,
  "actor": "Rupert Grint",
  "alternate_actors": Array,
  "alive": true,
  "image": "http://hp-api.herokuapp.com/images/ron.jpg"
},
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "Minerva McGonagall",
  "alternate_names": Array,
  "species": "human",
  "gender": "female",
  "house": "Gryffindor",
  "dateOfBirth": "04-10-1925",
  "yearOfBirth": 1925,
  "wizard": true,
  "ancestry": "",
  "eyeColour": "",
  "hairColour": "black",
  "wand": {
    "wood": "",
    "core": "",
    "length": ""
  },
  "patronus": "tabby cat",
  "hogwartsStudent": false,
  "hogwartsStaff": true,
  "actor": "Dame Maggie Smith",
  "alternate_actors": Array,
  "alive": true,
  "image": "http://hp-api.herokuapp.com/images/mcgonagall.jpg"
},
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "Rubeus Hagrid",
  "alternate_names": Array,
  "species": "half-giant",
  "gender": "male",
  "house": "Gryffindor",
  "dateOfBirth": "06-12-1928",
  "yearOfBirth": 1928,
  "wizard": true,
  "ancestry": "half-blood",
  "eyeColour": "black",
  "hairColour": "black",
  "wand": {
    "wood": "oak",
    "core": "",
    "length": 16
  },
  "patronus": "",
  "hogwartsStudent": false,
  "hogwartsStaff": true,
  "actor": "Robbie Coltrane",
  "alternate_actors": Array,
  "alive": true,
  "image": "http://hp-api.herokuapp.com/images/hagrid.png"
},
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "Neville Longbottom",
  "alternate_names": [
    "Peebles"
  ],
  "species": "human",
  "gender": "male",
  "house": "Gryffindor",
  "dateOfBirth": "03-11-1959",
  "yearOfBirth": 1959,
  "wizard": true,
  "ancestry": "pure-blood",
  "eyeColour": "grey",
  "hairColour": "black",
  "wand": {
    "wood": "cherry",
    "core": "unicorn tail-hair",
    "length": 13
  },
  "patronus": "",
  "hogwartsStudent": true,
  "hogwartsStaff": false,
  "actor": "Matthew Lewis",
  "alternate_actors": Array,
  "alive": true,
  "image": "http://hp-api.herokuapp.com/images/neville.jpg"
},
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "Ginny Weasley",
  "alternate_names": Array,
  "species": "human",
  "gender": "female",
  "house": "Gryffindor",
  "dateOfBirth": "11-08-1981",
  "yearOfBirth": 1981,
  "wizard": true,
  "ancestry": "pure-blood",
  "eyeColour": "brown",
  "hairColour": "red",
  "wand": {
    "wood": "yew",
    "core": "",
    "length": ""
  },
  "patronus": "horse",
  "hogwartsStudent": true,
  "hogwartsStaff": false,
  "actor": "Bonnie Wright",
  "alternate_actors": Array,
  "alive": true,
  "image": "http://hp-api.herokuapp.com/images/ginny.jpg"
},
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "Sirius Black",
  "alternate_names": [
    "Padfoot",
    "Snape"
  ],
  "species": "human",
  "gender": "male",
  "house": "Gryffindor",
  "dateOfBirth": "03-11-1959",
  "yearOfBirth": 1959,
  "wizard": true,
  "ancestry": "pure-blood",
  "eyeColour": "grey",
  "hairColour": "black",
  "wand": {
    "wood": "",
    "core": "",
    "length": ""
  },
  "patronus": "hare",
  "hogwartsStudent": false,
  "hogwartsStaff": false,
  "actor": "Gary Oldman",
  "alternate_actors": [
    "James Walters",
    "Rohan Gotobed"
  ],
  "alive": false,
  "image": "http://hp-api.herokuapp.com/images/sirius.JPG"
},
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "Remus Lupin",
  "alternate_names": [
    "Hoony",
    "Remus John Lupin"
  ],
  "species": "werewolf",
  "gender": "male",
  "house": "Gryffindor",
  "dateOfBirth": "10-03-1960",
  "yearOfBirth": 1960,
  "wizard": true,
  "ancestry": "half-blood",
  "eyeColour": "green",
  "hairColour": "brown",
  "wand": {
    "wood": "cypress",
    "core": "unicorn tail-hair",
    "length": 10.25
  },
  "patronus": "wolf",
  "hogwartsStudent": false,
  "hogwartsStaff": true,
  "actor": "David Thewlis",
  "alternate_actors": Array,
  "alive": false,
  "image": "http://hp-api.herokuapp.com/images/lupin.jpg"
},
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "Arthur Weasley",
  "alternate_names": Array,
  "species": "human",
  "gender": "male",
  "house": "Gryffindor",
  "dateOfBirth": "06-02-1950",
  "yearOfBirth": 1950,
  "wizard": true,
  "ancestry": "pure-blood",
  "eyeColour": "blue",
  "hairColour": "red",
  "wand": {
    "wood": "",
    "core": "",
    "length": ""
  },
  "patronus": "weasel",
  "hogwartsStudent": false,
  "hogwartsStaff": false,
  "actor": "Mark Williams",
  "alternate_actors": Array,
  "alive": true,
  "image": "http://hp-api.herokuapp.com/images/arthur.jpg"
},
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "Lily Potter",
  "alternate_names": Array,
  "species": "human",
  "gender": "female",
  "house": "Gryffindor",
  "dateOfBirth": "",
  "yearOfBirth": "",
  "wizard": true,
  "ancestry": "muggleborn",
  "eyeColour": "green",
  "hairColour": "",
  "wand": {
    "wood": "willow",
    "core": "",
    "length": 10.25
  },
  "patronus": "",
  "hogwartsStudent": false,
  "hogwartsStaff": false,
  "actor": "Geraldine Somerville",
  "alternate_actors": Array,
  "alive": false,
  "image": ""
},
{
  "_id": "ObjectID('6249f6d0404397e4409a44cd')",
  "name": "James Potter",
  "alternate_names": Array,
  "species": "human",
  "gender": "male",
  "house": "Gryffindor",
  "dateOfBirth": "",
  "yearOfBirth": "",
  "wizard": true,
  "ancestry": "muggleborn",
  "eyeColour": "",
  "hairColour": "",
  "wand": {
    "wood": "",
    "core": "",
    "length": "",
    "patronus": "",
    "hogwartsStudent": "",
    "hogwartsStaff": "",
    "actor": "",
    "alternate_actors": Array,
    "alive": "",
    "image": ""
  }
}
```

7-Vas a transformar un archivo Excel que contenga cualquier tipo de información a la extensión .csv, y la importaras (entorno gráfico) a una bd de mongo.

Microsoft Excel ribbon showing the 'FÓRMULAS' (Formulas) tab. The ribbon includes sections for 'Portapapeles' (Clipboard), 'Fuente' (Font), 'Alineación' (Alignment), and 'General' (Number). The 'Fuente' section shows 'Calibri' font, size '11', and various formatting options. The 'Alineación' section shows text alignment options. The 'General' section shows the 'General' category with currency and percentage symbols.

	A	B	C	D	E	F	G
1	UNIVERSIDAD	PAIS	PRECIO SEMESTRE				
2	University of Padua	ITALIA	2600				
3	University of Florence	ITALIA	2600				
4	Politecnyc of Turin	ITALIA	2530				
5	Universidad de Jaen	ESPAÑA	1500				
6	Frankfurt University	ALEMANIA	306				
7	University of Gottingen	ALEMANIA	400				
8							
9							
10							

primerBd.ArchivoCsvBd

Documents

primerBd.ArchivoCsvBd

Documents Aggregations Schema Expla

FILTER { field: 'value' }

ADD DATA VIEW

Import To Collection primerBd.ArchivoCsvBd

Select File

Libro1.csv

Select Input File Type

JSON CSV

Options

Select delimiter COMMA

☒ Ignore empty strings

☐ Stop on errors

Specify Fields and Types

☒ UNIVERSIDAD;PAIS;PRECIO SEMESTRE

String

1 University of Padua;ITALIA;2600

2 University of Florence;ITALIA;2600

3 Politecnyc of Turin;ITALIA;2530

4 Universidad de Jaen;ESPAÑA;1500

5 Frankfurt University;ALEMANIA;306

6 University of Gottingen;ALEMANIA;400

7

CANCEL IMPORT

localhost:27017

7 DBS7 COLLECTIONS

Q FAVORITES

HOSTlocalhost:27017

CLUSTERStandalone

EDITIONMongoDB 5.0.7-rc1

Community

My Queues

Databases

Filter your data

Class2\_31032022

HarryPotterBd

admin

config

db

local

primerBd

■ ArchivoCsvBd

■ misPersonas

primerBd.ArchivoCsvBdDocuments

DocumentsAggregationsSchemaExplain PlanIndexesValidation

[ FILTER ] [ Fields: "value" ]

ADD DATAVIEW

Displaying documents 1 - 7 of 7

REFRESH

DOCUMENTS 7STORAGE SIZE4.1 KB3AVG SIZE0 B3INDEXES 1TOTAL SIZE4.1 KB3AVG SIZE4.1 KB3

\_id: ObjectId('6249f6ba64937e4490a4510')

UNIVERSIDAD: PAIS: PRECIO SEMESTRE: "University of Padua:ITALIA:2400"

\_id: ObjectId('6249f6ba64937e4490a4511')

UNIVERSIDAD: PAIS: PRECIO SEMESTRE: "University of Florence:ITALIA:2400"

\_id: ObjectId('6249f6ba64937e4490a4512')

UNIVERSIDAD: PAIS: PRECIO SEMESTRE: "Politecnico of Turin:ITALIA:2530"

\_id: ObjectId('6249f6ba64937e4490a4513')

UNIVERSIDAD: PAIS: PRECIO SEMESTRE: "Universidad de Jaen:ESPAÑA:1500"

\_id: ObjectId('6249f6ba64937e4490a4514')

UNIVERSIDAD: PAIS: PRECIO SEMESTRE: "Frankfurt University:ALEMANIA:304"

\_id: ObjectId('6249f6ba64937e4490a4515')

UNIVERSIDAD: PAIS: PRECIO SEMESTRE: "University of Göttingen:ALEMANIA:400"

\_id: ObjectId('6249f6ba64937e4490a4516')

UNIVERSIDAD: PAIS: PRECIO SEMESTRE: "