

Paso 1

Ingresa a la página <https://www.datos.gov.co/browse?sortBy=newest&utf8=%E2%9C%93> para extraer una base de datos en formato CVS, luego ingresa a una página <https://csvjson.com/> para convertirlos en formato Json.

The screenshot shows the 'Datos Abiertos' portal for the Government of Putumayo. The header includes the 'GOV.CO' and 'DATOS ABIERTOS' logos, a search bar, and navigation links: Inicio, Descubre, Publica, Visualiza, Participa, Herramientas, Novedades, Usos, Activos, Calidad. There are also links for 'Español' and 'Iniciar sesión'.

The main content area features a search bar and a sidebar with filters for 'Autoridad' (Oficial, Comunidad) and 'Categorías' (Agricultura y Desarrollo Rural, Ambiente y Desarrollo Sostenible, Ciencia, Tecnología e Innovación). The search results show 10k+ results for 'Objeto Geográfico Mobiliario Urbano – Bogotá Distrito Capital. Escala 1:200000. Año 2021'. A description states: 'El objeto geográfico identifica los elementos del mobiliario urbano que presentan Publicidad Exterior Visual en los MUPIS instalados sobre las vías principales y secundarias del área urbana de Bogotá D.C.'.

Additional details include 'Se creó 7 de marzo de 2023', 'Vistas 0', and 'Etiquetas ambiente, recurso'.

The screenshot shows the homepage of the 'Csvjson' website, which is an online data converter. The main heading reads 'The easy, confidential online data converter'. Below this, a subheading states: 'Csvjson helps you quickly convert popular data formats to the format you need. Data pasted and converted remains local on your computer.'

The website features several buttons for different conversion tasks: 'Csv to json', 'Json to csv', 'Json beautifier', 'Json validator', 'Sql to json', and 'Csvjson to json'.

Se ingresa a una pagina <https://jsononline.net/es/json-validator> para verificar que el archivo Json este bien parametrizado



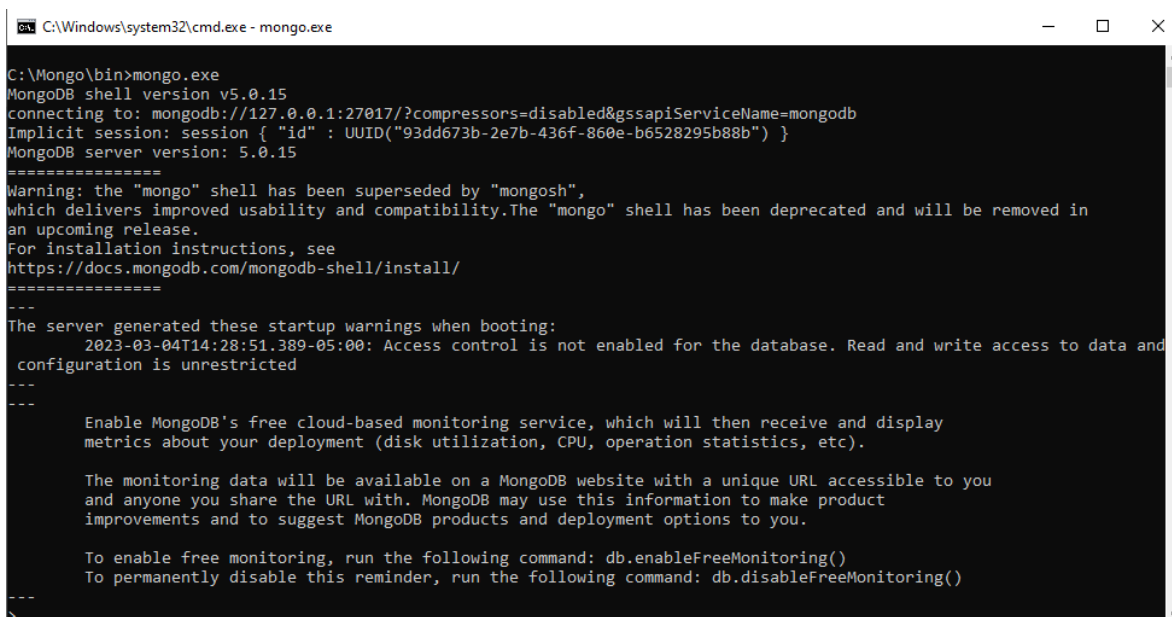
Luego se carga la base de Json a Mongo con el comando

`mongoimport.exe --db cristian --collection lista --file C:\Mongo\dataset\csv.json --jsonArray`

```
C:\Mongo\bin>mongoimport.exe --db cristian --collection lista --file C:\Mongo\dataset\csv.json --jsonArray
2023-03-06T15:03:07.122-0500    connected to: mongodb://localhost/
2023-03-06T15:03:07.705-0500    17028 document(s) imported successfully. 0 document(s) failed to import.

C:\Mongo\bin>
```

Ingreso a mongo



Busco la base de datos con el comando show dbs

```
> show dbs
admin      0.000GB
config     0.000GB
cristian   0.052GB
local      0.000GB
practica   0.000GB
>
```

Ingreso a la base de datos

```
> use cristian
switched to db cristian
>
```

Ingresar a la colección

```
> show collections
lista
>
```

```
> use lista
switched to db lista
>
```

Realiza una consulta del primer registro de la colección

```
---
> use cristian
switched to db cristian
> db.lista.findOne()
{
  "_id" : "10009999",
  "listing_url" : "https://www.airbnb.com/rooms/10009999",
  "name" : "Horto flat with small garden",
  "summary" : "One bedroom + sofa-bed in quiet and bucolic neighbourhood right next to the Botanical Garden. Small garden, outside shower, well equipped kitchen and bathroom with shower and tub. Easy for transport with many restaurants and basic facilities in the area.",
  "space" : "Lovely one bedroom + sofa-bed in the living room, perfect for two but fits up to four comfortably. There's a small outside garden with a shower. There's a well equipped open kitchen with both 110V / 220V wall plugs and one bathroom with shower, tub and even a sauna machine! All newly refurbished!",
  "description" : "One bedroom + sofa-bed in quiet and bucolic neighbourhood right next to the Botanical Garden. Small garden, outside shower, well equipped kitchen and bathroom with shower and tub. Easy for transport with many restaurants and basic facilities in the area. Lovely one bedroom + sofa-bed in the living room, perfect for two but fits up to four comfortably. There's a small outside garden with a shower. There's a well equipped open kitchen with both 110V / 220V wall plugs and one bathroom with shower, tub and even a sauna machine! All newly refurbished! I'll be happy to help you with any doubts, tips or any other information needed during your stay. This charming ground floor flat is located in Horto, a quiet and bucolic neighborhood just next to the Botanical Garden, where most of the descendants of it's first gardeners still live. You'll be 30 minutes walk from waterfalls in the rainforest with easy hiking trails! There are nice bars and restaurants as well as basic facilities - pharmacy, bakery, small market - in the area.",
  "neighborhood_overview" : "This charming ground floor flat is located in Horto, a quiet and bucolic neighborhood just next to the Botanical Garden, where most of the descendants of it's first gardeners still live. You'll be 30 minutes walk from waterfalls in the rainforest with easy hiking trails! There are nice bars and restaurants as well as basic facilities - pharmacy, bakery, small market - in the area.",
  "notes" : "There's a table in the living room now, that does not show in the photos.",
  "transit" : "Easy access to transport (bus, taxi, car) and easy free parking around. Very close to Gávea, Leblon, Ipanema, Copacabana and Botafogo.",
  "access" : "",
  "interaction" : "I'll be happy to help you with any doubts, tips or any other information needed during your stay.",
  "house_rules" : "I just hope the guests treat the space as they're own, with respect to it as well as to my neighbours! Espero apenas que os hóspedes tratem o lugar com carinho e respeito aos vizinhos!",
  "property_type" : "Apartment",
  "room_type" : "Entire home/apt",
}
```

Se ejecuta el comando para mostrar una cantidad de registros en especial

```
> db.lista.find().pretty().limit(1)
{
  "_id" : "10009999",
  "listing_url" : "https://www.airbnb.com/rooms/10009999",
  "name" : "Horto flat with small garden",
  "summary" : "One bedroom + sofa-bed in quiet and bucolic neighbourhood right next to the Botanical Garden. Small garden, outside shower, well equipped kitchen and bathroom with shower and tub. Easy for transport with many restaurants and basic facilities in the area.",
  "space" : "Lovely one bedroom + sofa-bed in the living room, perfect for two but fits up to four comfortably. There's a small outside garden with a shower There's a well equipped open kitchen with both 110V / 220V wall plugs and one bathroom with shower, tub and even a sauna machine! All newly refurbished!",
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  "neighborhood_overview" : "This charming ground floor flat is located in Horto, a quiet and bucolic neighborhood just next to the Botanical Garden, where most of the descendants of it's first gardeners still live. You'll be 30 minutes walk from waterfalls in the rainforest with easy hiking trails! There are nice bars and restaurants as well as basic facilities - pharmacy, bakery, small market - in the area.",
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  "access" : "",
  "interaction" : "I'll be happy to help you with any doubts, tips or any other information needed during your stay.",
  "house_rules" : "I just hope the guests treat the space as they're own, with respect to it as well as to my neighbors! Espero apenas que os hóspedes tratem o lugar com carinho e respeito aos vizinhos!",
  "property_type" : "Apartment",
  "room_type" : "Entire home/apt",
  "bed_type" : "Real Bed",
  "minimum_nights" : "2",
}
```