



# **UNIVERSIDAD TECNOLÓGICA DE SAN LUIS RIO COLORADO**

**Guia MongoDB**

**MTRA. JULIA HELIZABETH GARCIA HERRERA**

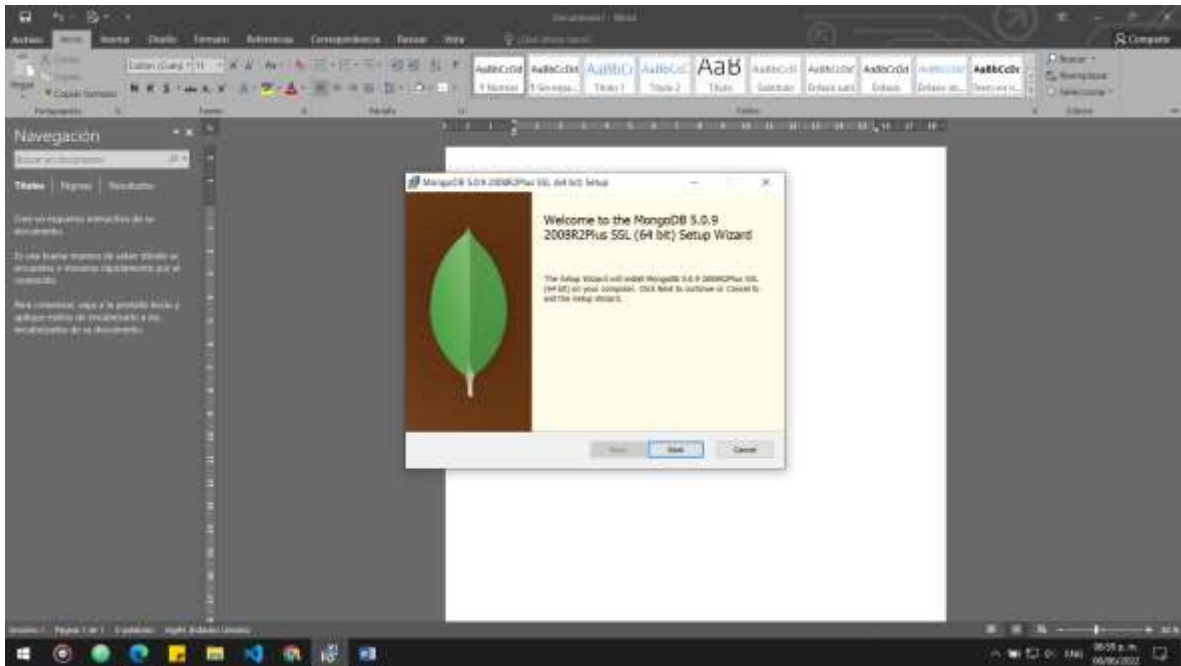
**ALUMNO: VICTOR MANUEL GALVAN COVARRUBIAS**

**ING. EN DESARROLLO Y GESTIÓN DE SOFTWARE**

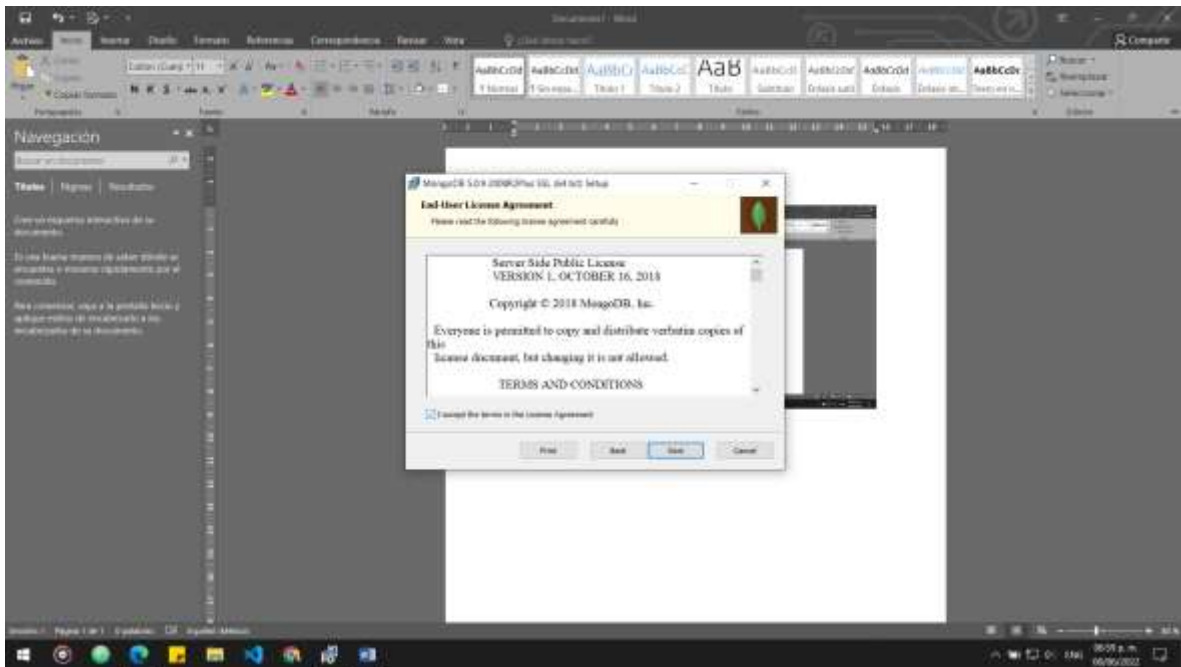
San Luis Río Colorado, Sonora

Junio, 2022

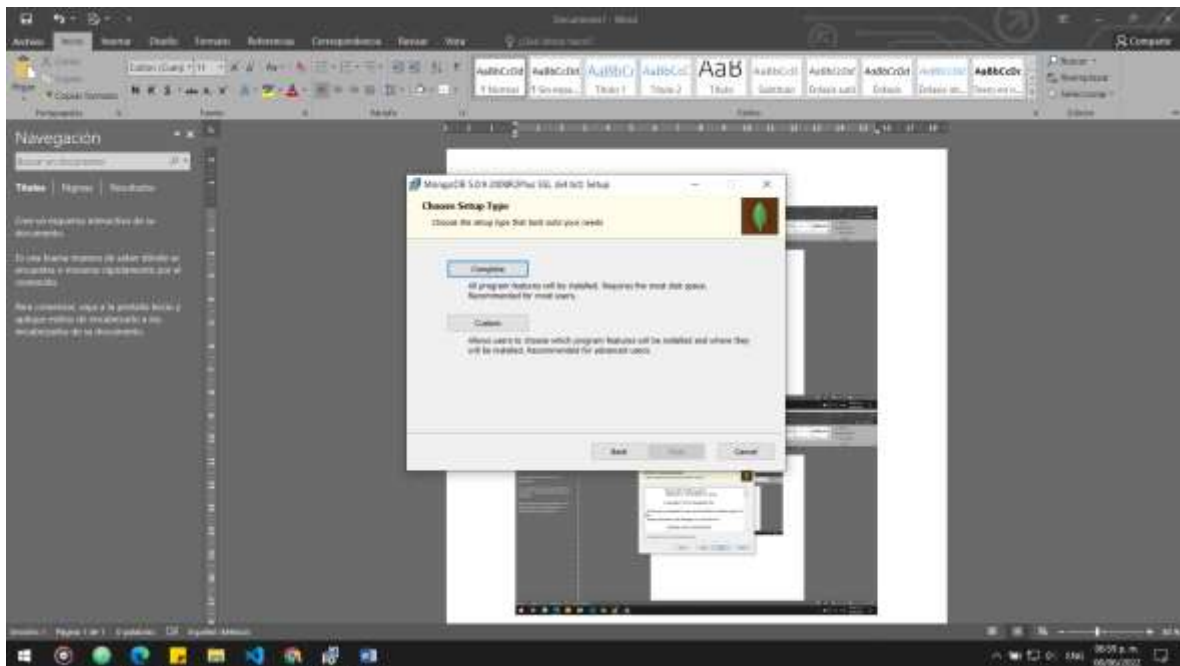




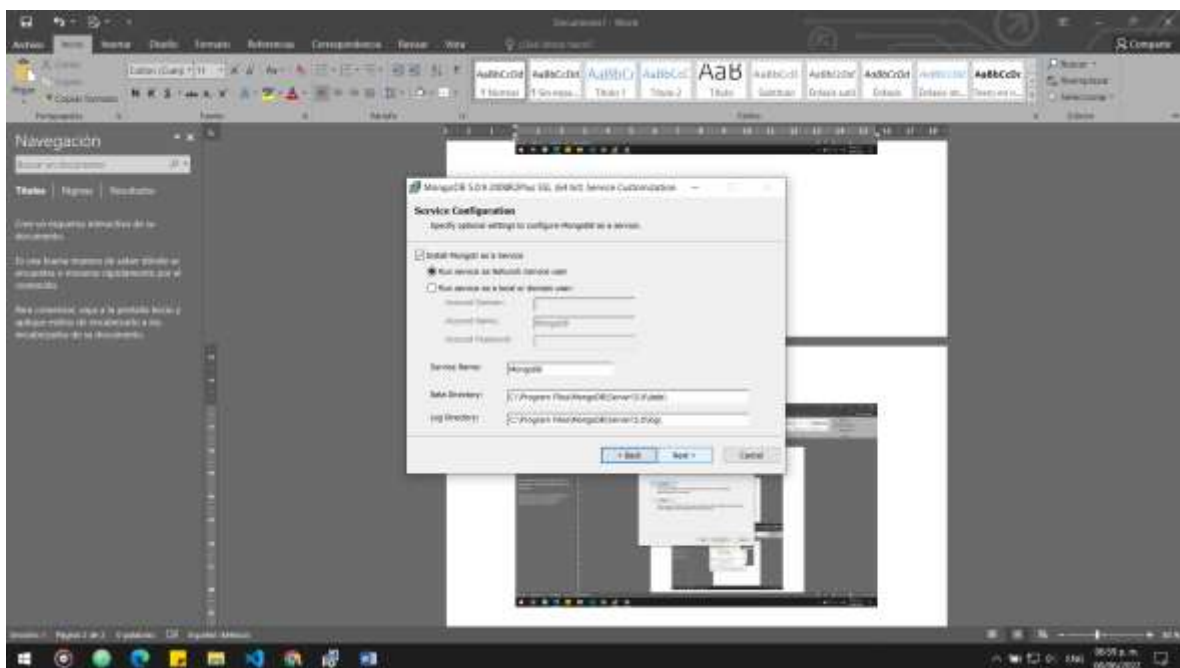
Descargamos y ejecutamos el instalador de MongoDB community.



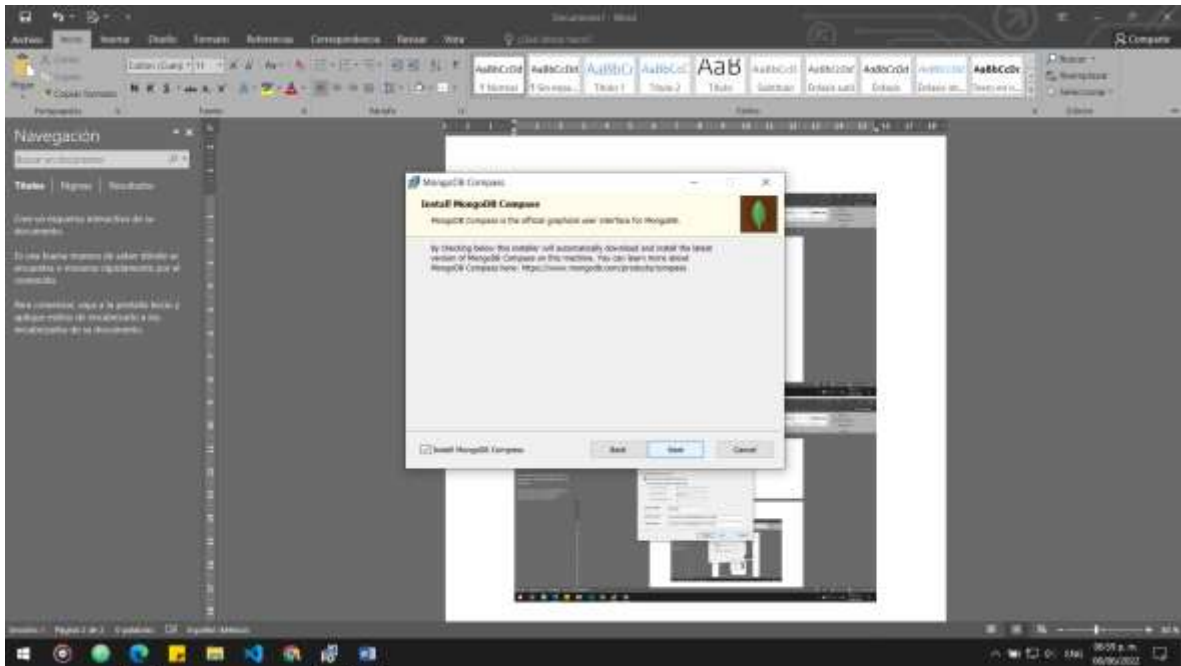
Accedemos a las condiciones.



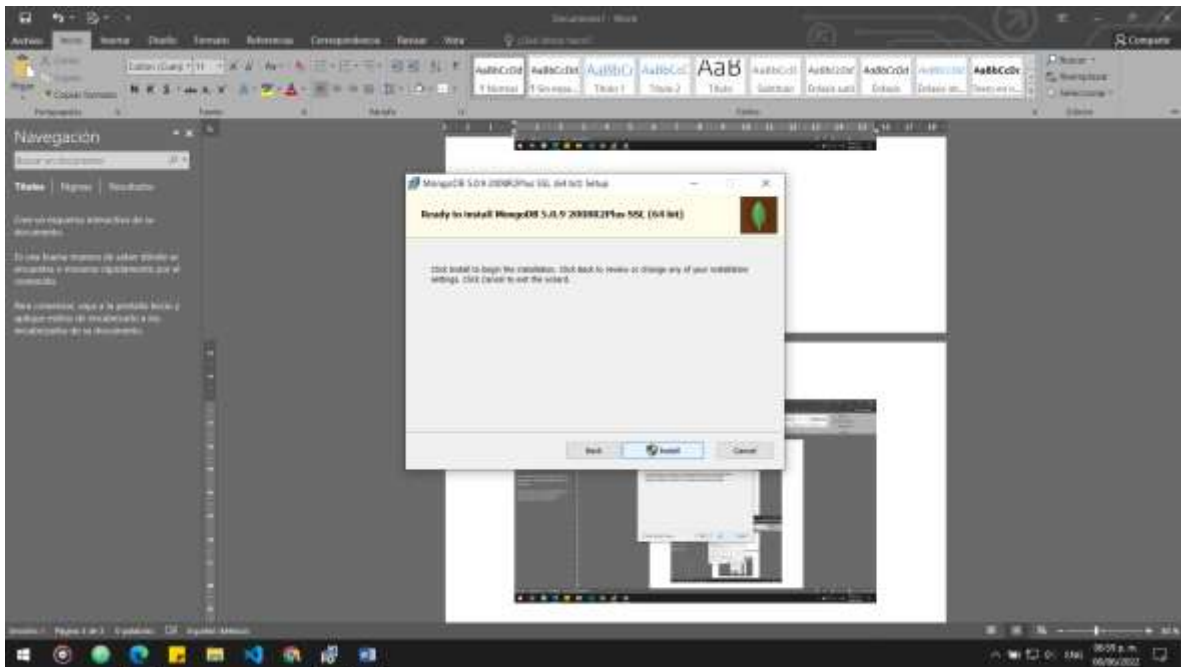
Seleccionamos la instalación completa.



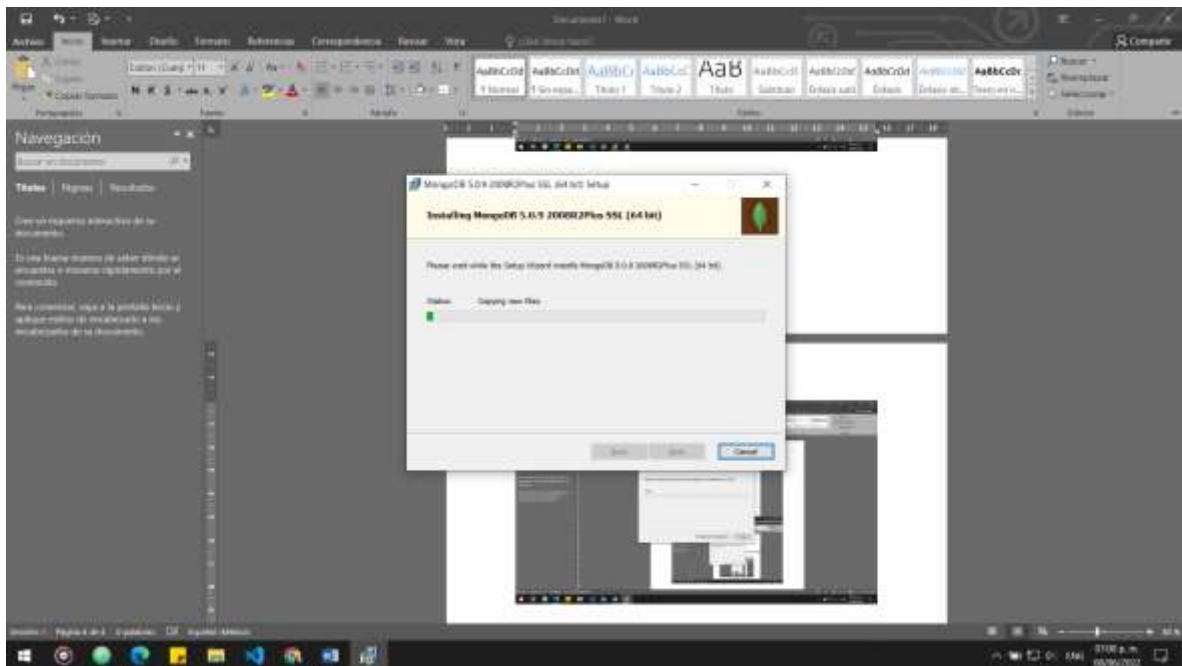
Dejamos todo como nos aparece por defecto.



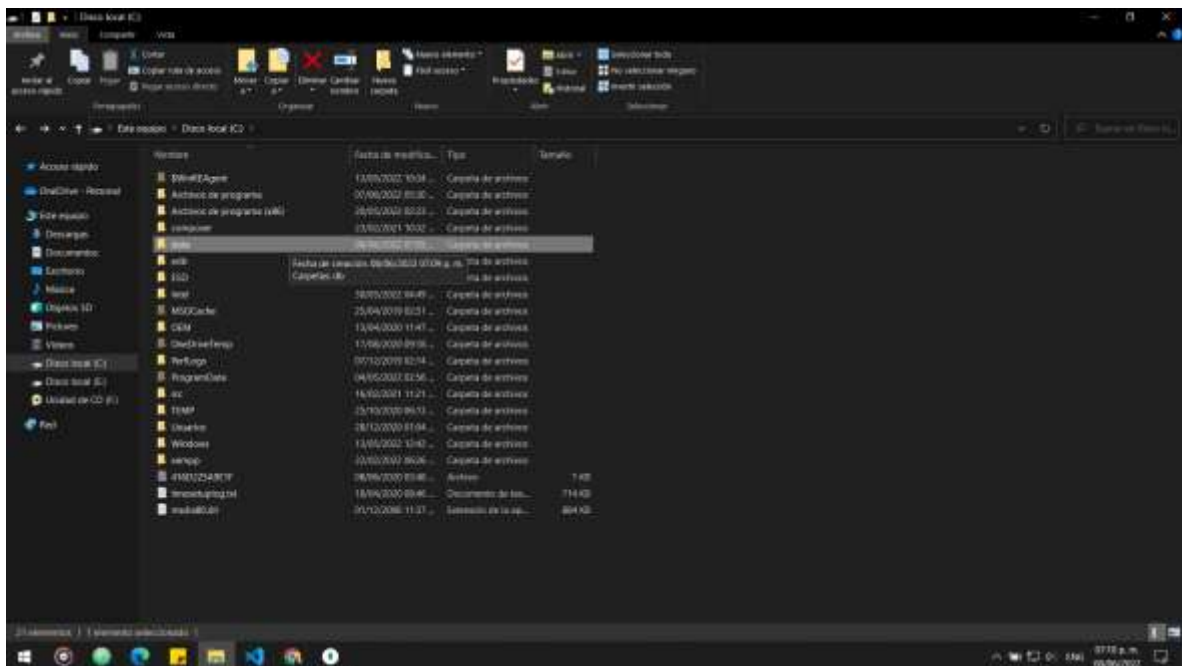
Damos clic en siguiente y comenzaremos a realizar la instalación.



Damos en instalar con los permisos de administrador.



Se comienza a instalar MongoDB.

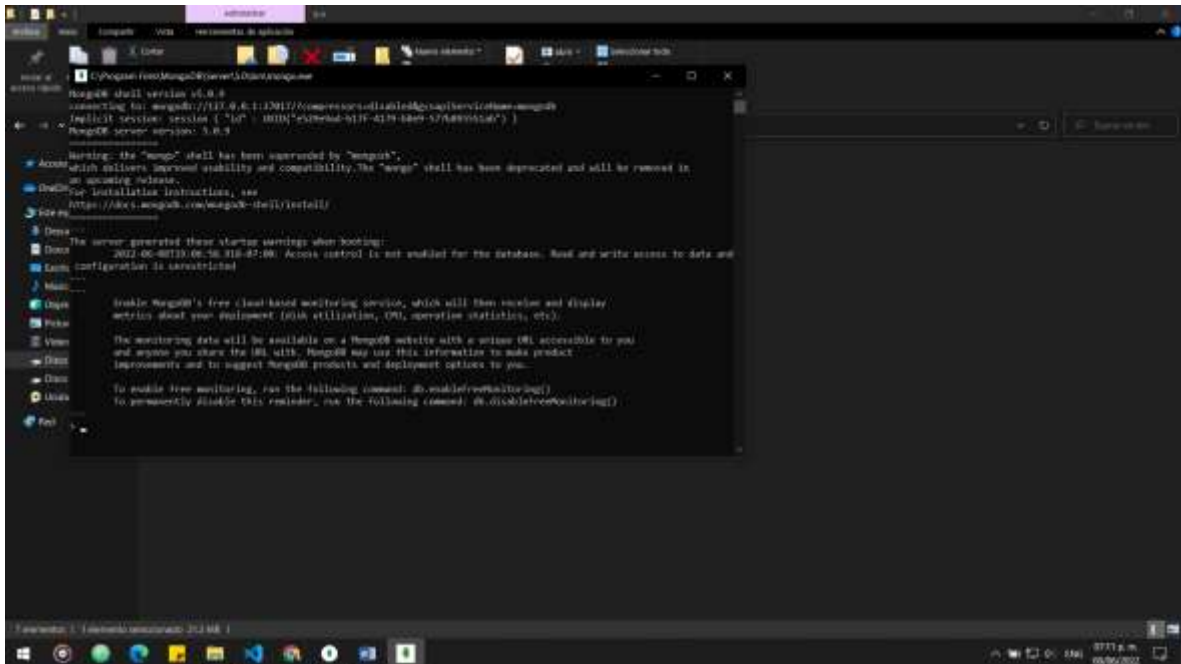


En nuestro disco local creamos una carpeta llamada data.

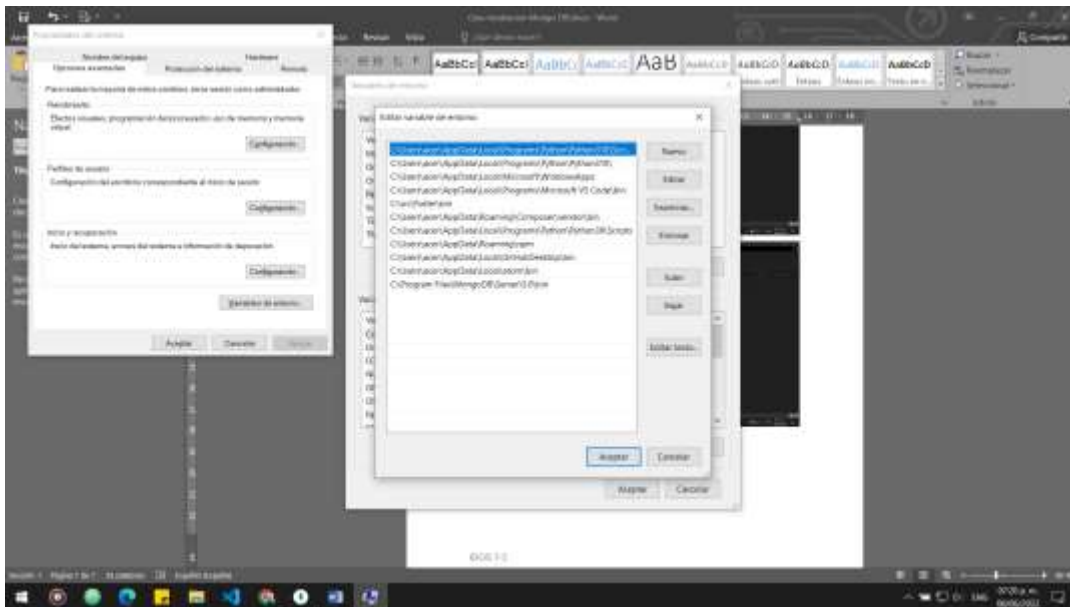
The screenshot shows a Windows File Explorer window displaying the contents of the directory 'D:\Data local (C:) > Acceso de programa > MongoDB > Server > DB'. The left sidebar shows the navigation pane with 'D:\Data local (C:)' selected. The main area displays a table of files and folders.

Nombre	Fecha de modificación	Tipo	Tamaño
totalComparsas.pdf	25/06/2022 10:28 p.m.	Documento PDF	1 KB
mongos.exe	25/06/2022 10:27 p.m.	Aplicación	21,894 KB
mongoconfig	04/06/2022 11:01 p.m.	Archivo TXT	1 KB
mongod.exe	25/06/2022 10:28 p.m.	Aplicación	46,713 KB
mongopkgs	25/06/2022 10:30 p.m.	Visualización de L.	322,338 KB
mongos.exe	25/06/2022 10:40 p.m.	Aplicación	20,718 KB
mongopkgs	25/06/2022 10:40 p.m.	Visualización de L.	315,788 KB

IDGS 8-3



Esto nos abrirá la consola de MongoDB.



Agregamos al PATH la ruta de la carpeta bin para poder acceder a la consola de MongoDB desde la terminal en cualquier ubicación de nuestro dispositivo.



```

C:\Program Files\HuggingFace\Server\1.2.0\bin\huggingface.exe
C:\>df -h
df

```

Filesystem	Size	Used	Avail	Use%
/dev/sda1	8.000GB	0.000GB	8.000GB	0%
/dev/sda2	0.000GB	0.000GB	0.000GB	0%
/dev/sda3	0.000GB	0.000GB	0.000GB	0%
/dev/sda4	0.000GB	0.000GB	0.000GB	0%

IDGS 8-3



```

C:\Program Files\MongoDB\Server\5.0\bin>mongo
MongoDB shell version v5.0.9
connecting to: mongodb://127.0.0.1:27017/?compressor=disabled&gssapiServiceName=mongodb
implicit session: timeout: 10s ; uri: mongodb://127.0.0.1:27017/?compressor=disabled&gssapiServiceName=mongodb
MongoDB server version: 5.0.9

-----
Warning: the "mongo" shell has been superseded by "mongosh",
which delivers improved usability and compatibility. The "mongo" shell has been deprecated and will be removed in
an upcoming release.
For installation instructions, see
https://docs.mongodb.com/mongodb-shell/install/
-----

The server generated these startup warnings when booting:
  2022-08-08T12:09:09.018-07:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
-----

Enable MongoDB's free cloud-based monitoring service, which will then receive and display
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL, accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()
To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
-----

> use admin
switched to db admin
> show dbs
admin    0.000GB
config  0.000GB
local   0.000GB
> db.runCommand({insert: ""})

```

Para crear una base de datos ejecutamos el comando use nombre\_de\_la\_base\_de\_datos. Nota: La base de datos se crea en la memoria RAM hasta que se le insertan datos a esta. Entonces si la base de datos es almacenada junto con los datos que se le hayan insertado.