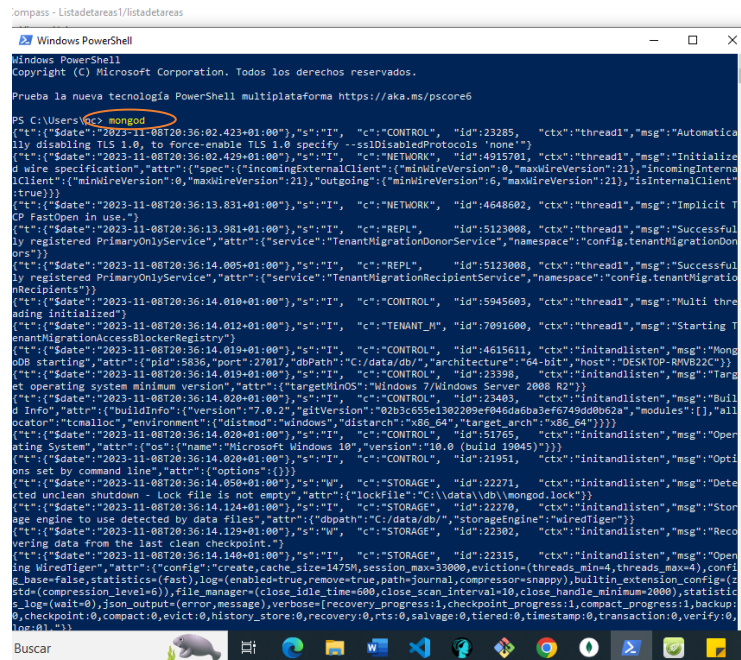


## 1. LEVANTAR EL PROGRAMA, EN POWERSHELL DEL SISTEMA

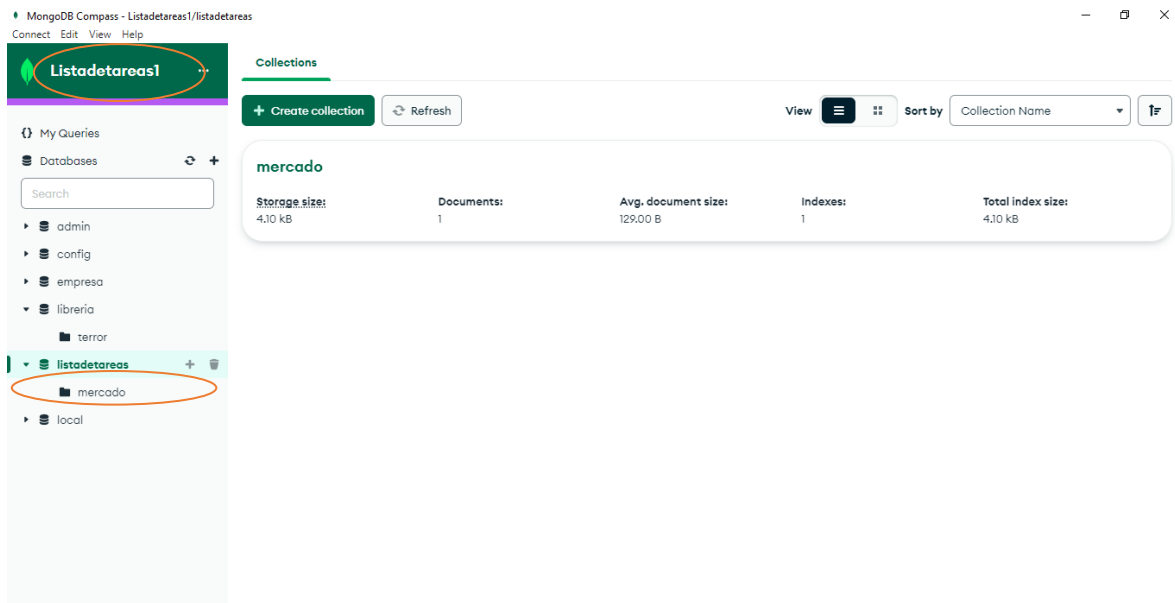


```
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\Users\<user>> mongod
{"t":{"$date":"2023-11-08T20:36:02.423+01:00"},"s":"I",  "c":"CONTROL",  "id":23285,   "ctx":"thread1","msg":"Automatic
ly disabling TLS 1.0, to force-enable TLS 1.0 specify --sslDisabledProtocols 'none'"}
{"t":{"$date":"2023-11-08T20:36:02.429+01:00"},"s":"I",  "c":"NETWORK",  "id":4915701, "ctx":"thread1","msg":"Initializ
ed wire specification","attr":{"spec":{"incomingExternalClient":{"minWireVersion":0,"maxWireVersion":21},"incomingIntern
alClient":{"minWireVersion":0,"maxWireVersion":21},"outgoing":{"minWireVersion":6,"maxWireVersion":21},"isInternalClient":
true}}}}
{"t":{"$date":"2023-11-08T20:36:13.831+01:00"},"s":"I",  "c":"NETWORK",  "id":4648602, "ctx":"thread1","msg":"Implicit T
CP FastOpen in use."}
{"t":{"$date":"2023-11-08T20:36:13.981+01:00"},"s":"I",  "c":"REPL",       "id":5123008, "ctx":"thread1","msg":"Successful
ly registered PrimaryOnlyService","attr":{"service":"TenantMigrationDonorService","namespace":"config.tenantMigrationDon
ors"}}
{"t":{"$date":"2023-11-08T20:36:14.005+01:00"},"s":"I",  "c":"REPL",       "id":5123008, "ctx":"thread1","msg":"Successful
ly registered PrimaryOnlyService","attr":{"service":"TenantMigrationRecipientService","namespace":"config.tenant Migratio
nRecipients"}}
{"t":{"$date":"2023-11-08T20:36:14.010+01:00"},"s":"I",  "c":"CONTROL",  "id":5945603, "ctx":"thread1","msg":"Multi thre
ading initialized"}
{"t":{"$date":"2023-11-08T20:36:14.012+01:00"},"s":"I",  "c":"TENANT_M",  "id":7091600, "ctx":"thread1","msg":"Starting T
enantMigrationAccessLockerRegistry"}
{"t":{"$date":"2023-11-08T20:36:14.019+01:00"},"s":"I",  "c":"CONTROL",  "id":4615611, "ctx":"initandlisten","msg":"Mong
oDB starting","attr":{"pid":5836,"port":27017,"dbPath":"C:/data/db/","architecture":"64-bit","host":"DESKTOP-RWVB22C"}}
{"t":{"$date":"2023-11-08T20:36:14.019+01:00"},"s":"I",  "c":"CONTROL",  "id":23398,   "ctx":"initandlisten","msg":"Targ
et operating system minimum version","attr":{"targetMinOS":"Windows 7/Windows Server 2008 R2"}}
{"t":{"$date":"2023-11-08T20:36:14.020+01:00"},"s":"I",  "c":"CONTROL",  "id":23403,   "ctx":"initandlisten","msg":"Buil
d Info","attr":{"buildInfo":{"version":"7.0.2","gitVersion":"02b3c655e1302209ef046d6ba3ef6749d0b62a","modules":[],"all
ocator":"tcmalloc","environment":{"distmod":"windows","distarch":"x86_64","target_arch":"x86_64"}}}}
{"t":{"$date":"2023-11-08T20:36:14.020+01:00"},"s":"I",  "c":"CONTROL",  "id":51765,   "ctx":"initandlisten","msg":"Oper
ating System","attr":{"os":{"name":"Microsoft Windows 10","version":"10.0 (build 19045)}}}}
{"t":{"$date":"2023-11-08T20:36:14.020+01:00"},"s":"I",  "c":"CONTROL",  "id":21951,   "ctx":"initandlisten","msg":"Opti
ons set by command line","attr":{"options":{}}}
{"t":{"$date":"2023-11-08T20:36:14.050+01:00"},"s":"W",  "c":"STORAGE",  "id":22271,   "ctx":"initandlisten","msg":"Dete
cted unclean shutdown - lock file is not empty","attr":{"lockFile":"C:/data/db/mongod.lock"}}
{"t":{"$date":"2023-11-08T20:36:14.124+01:00"},"s":"I",  "c":"STORAGE",  "id":22270,   "ctx":"initandlisten","msg":"Stor
age engine to use detected by data files","attr":{"dbpath":"C:/data/db/","storageEngine":"wiredTiger"}}
{"t":{"$date":"2023-11-08T20:36:14.125+01:00"},"s":"W",  "c":"STORAGE",  "id":22302,   "ctx":"initandlisten","msg":"Reco
vering data from the last clean checkpoint+"}
{"t":{"$date":"2023-11-08T20:36:14.140+01:00"},"s":"I",  "c":"STORAGE",  "id":22315,   "ctx":"initandlisten","msg":"Open
ing WiredTiger","attr":{"config":"create,cache_size=1475M,session_max=33000,eviction=(threads_min=4,threads_max=4),confi
g_base=false,statistics=(fast),log=(enabled=true,remove=true,path=journal,compressor=snappy),builtin_extension_config=(z
std,(compression_level=0)),file_manager=(close_idle_time=600,close_scan_interval=10,close_handle_minimum=2000),statistic
s_log=(wait=0),json_output=(error,message),verbose=(recovery_progress:1,checkpoint_progress:1,compact_progress:1,backup:
0,checkpoint:0,compact:0,evict:0,history_store:0,recovery:0,rtts:0,salvage:0,tiered:0,timestamp:0,transaction:0,verify:0,
zap:0)"}}}
```

## 2. CREAR LA BASE DE DATOS- Listadetares + COLECCION nombrada mercado



3. SE ABRE LA CONSOLA Y SE INICIA CON LA SELECCIÓN DE LA VENTANA QUE VAMOS USAR EN ESTA CASO ES “listadetareas” y se agrega el 1# CRUD de CREAR **db.collection.insertOne()** ---- **db.mercado.insertOne({})** y lo que voy agregar

The screenshot shows the MongoDB Compass interface for the 'Listadetareas' database. The 'mercado' collection is selected, showing 1 document with a storage size of 4.10 kB. Below this, a terminal window displays the following commands and output:

```
> MONGOSH
< switched to db listadetareas
> db.mercado.insertOne({
  "nombre": "ir al mercado",
  "descripcion": "llegar al deposito",
  "estado": "incompleto",
  "dia": "los domingos",
})
{
  acknowledged: true,
  insertedId: ObjectId("654be6fe29c8947fe5d866cb")
}
listadetareas>
```

Orange arrows point to the 'db.mercado.insertOne({' and the closing '})' in the terminal command.

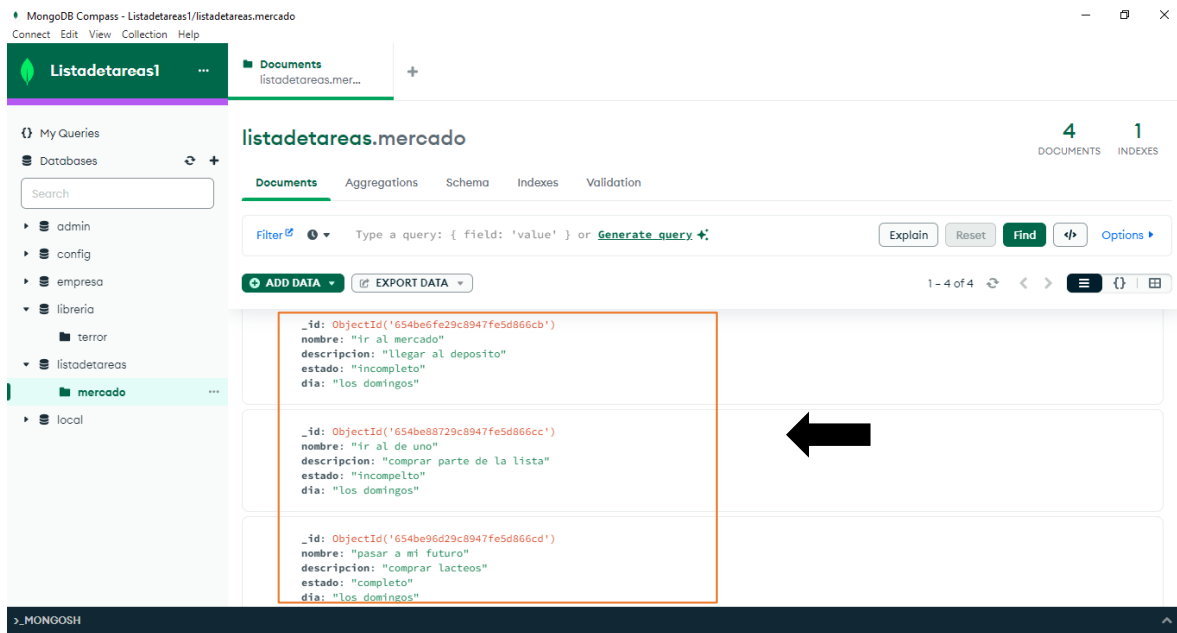
This screenshot shows the same MongoDB Compass interface, but the terminal window now contains three insertOne commands. The first two are highlighted with orange boxes:

```
< switched to db listadetareas
> db.mercado.insertOne({
  "nombre": "ir al mercado",
  "descripcion": "llegar al deposito",
  "estado": "incompleto",
  "dia": "los domingos",
})
{
  acknowledged: true,
  insertedId: ObjectId("654be6fe29c8947fe5d866cb")
}
> db.mercado.insertOne({
  "nombre": "ir al de uno",
  "descripcion": "comprar parte de la lista",
  "estado": "incompleto",
  "dia": "los domingos",
})
{
  acknowledged: true,
  insertedId: ObjectId("654be8729c8947fe5d866cc")
}
> db.mercado.insertOne({
  "nombre": "pasar a mi futuro",

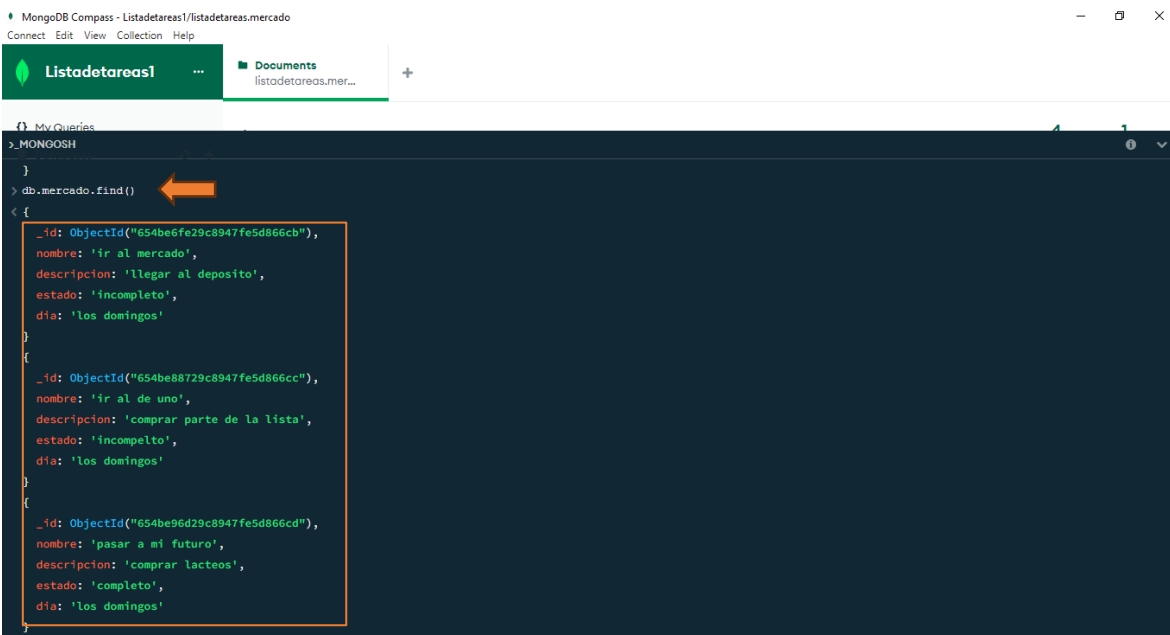
```

Orange boxes highlight the document objects in the first two commands.

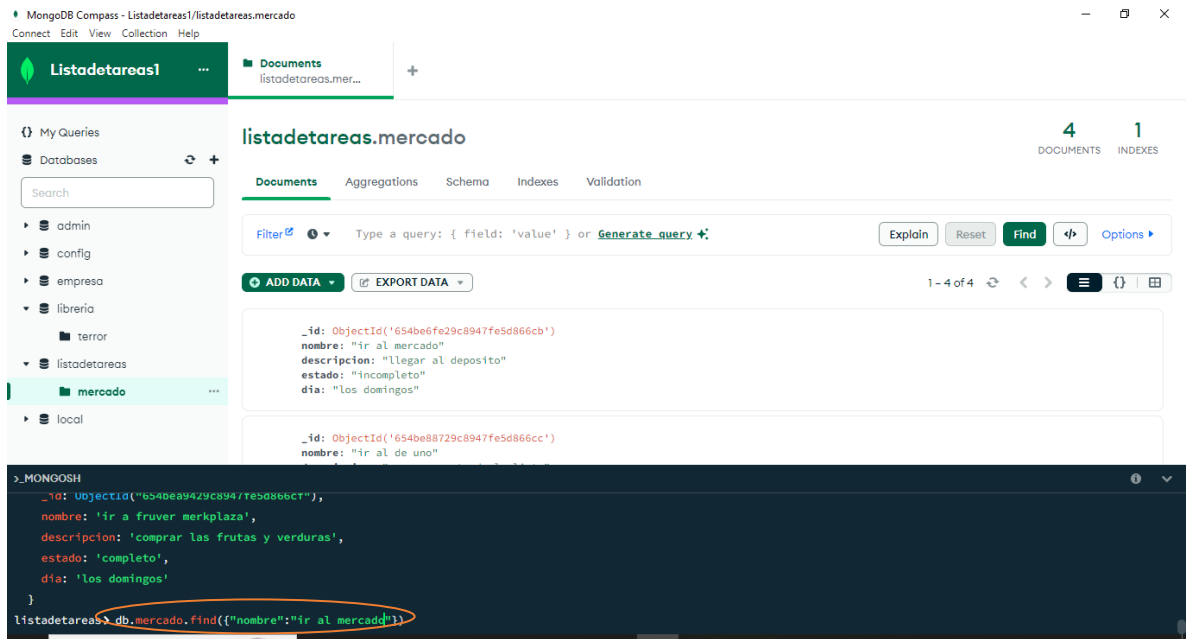
#### 4. SE EVIDENCIA LA CREACION DE LOS ARCHIVOS



#### 5. SE CONTINUA CON EL CRUD DE READ db.collection.find() --- db.mercado.find()



## 6. SE BUSCA TAMBIEN POR EL COMANDO `db.collection.find({"text":"text"})`



MongoDB Compass - Listadetaareas1/listadetaareas.mercado

Connect Edit View Collection Help

Listadetaareas1

Documents listadetaareas.mer...

listadetaareas.mercado

4 DOCUMENTS 1 INDEXES

Documents Aggregations Schema Indexes Validation

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

EXPLAIN Reset Find Options

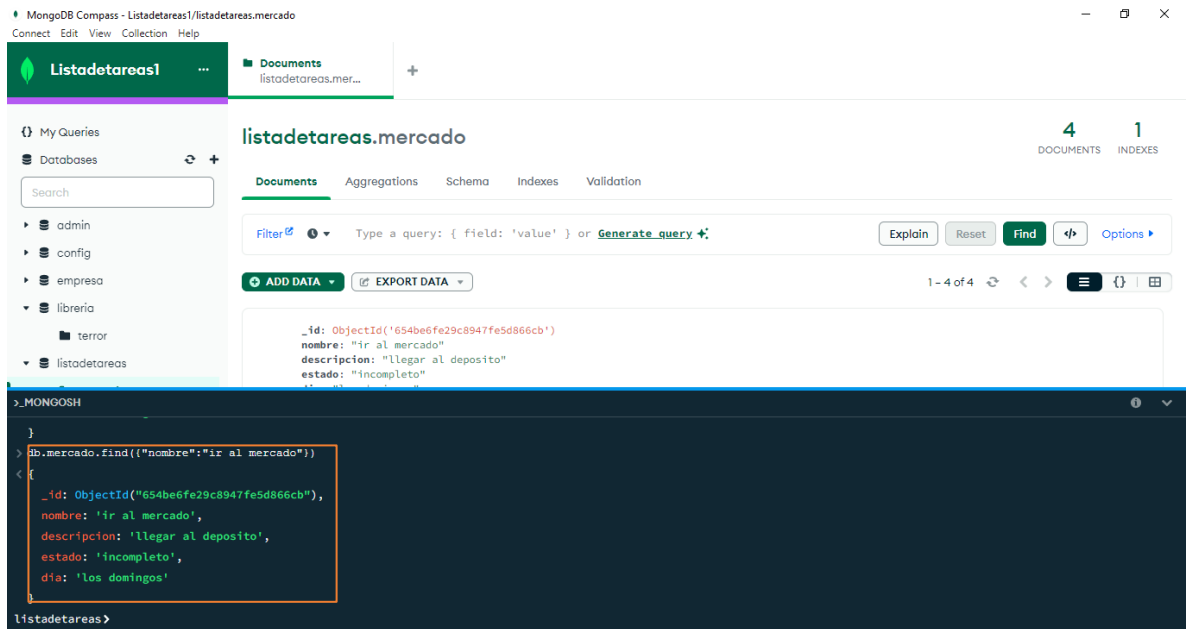
ADD DATA EXPORT DATA

1 - 4 of 4

```
{
  "_id": ObjectId("654be6fe29c8947fe5d866cb"),
  "nombre": "ir al mercado",
  "descripcion": "llegar al deposito",
  "estado": "incompleto",
  "dia": "los domingos"
}
```

```
{
  "_id": ObjectId("654be88729c8947fe5d866cc"),
  "nombre": "ir al de uno"
}
```

```
>_MONGOSH> use(listadetaareas);
db.mercado.find({"nombre":"ir al mercado"})
```



MongoDB Compass - Listadetaareas1/listadetaareas.mercado

Connect Edit View Collection Help

Listadetaareas1

Documents listadetaareas.mer...

listadetaareas.mercado

4 DOCUMENTS 1 INDEXES

Documents Aggregations Schema Indexes Validation

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

EXPLAIN Reset Find Options

ADD DATA EXPORT DATA

1 - 4 of 4

```
{
  "_id": ObjectId("654be6fe29c8947fe5d866cb"),
  "nombre": "ir al mercado",
  "descripcion": "llegar al deposito",
  "estado": "incompleto",
  "dia": "los domingos"
}
```

```
>_MONGOSH> use(listadetaareas);
db.mercado.find({"nombre":"ir al mercado"})
```

7. SE COLOCA EL CRUD UPDATE `db.collection.updateOne()` --- `db.mercado.updateOne()` y SE COLOCA LO QUE SE VA ACTUALIZAR

The screenshot shows the MongoDB Compass interface. On the left, the database structure is visible, with 'listadetaareas' expanded and 'mercado' selected. The main panel displays the 'listadetaareas.mercado' collection with 4 documents and 1 index. A document is shown with the following fields: `_id`, `nombre`, `descripcion`, `estado`, and `dia`. Below this, the MongoDB shell shows the following commands and output:

```
> use listadetaareas
listadetaareas> db.mercado.updateOne(
  {
    "nombre": "ir al de uno",
    "$set": { "estado": "incompleto" }
  }
)
```

8. SE FINALIZA CON EL CRUD DELETE `db.collection.deleteOne()` --- `db.mercado.deleteOne()`

The screenshot shows the MongoDB Compass interface. On the left, the database structure is visible, with 'listadetaareas' expanded and 'mercado' selected. The main panel displays the 'listadetaareas.mercado' collection with 4 documents and 1 index. Below this, the MongoDB shell shows the following commands and output:

```
> use listadetaareas
listadetaareas> db.mercado.deleteMany({ "dia": "los domingos" })
{
  acknowledged: true,
  deletedCount: 4
}
> db.getCollection('mercado').find({})
<
> db.mercado.find()
```

Below the shell output, there is a message: "It only takes a few seconds to import data from a JSON or CSV file." and an "Import Data" button.