





Prerequisites

Step 1: We have to Download the Zip File of json Dataset, and load these all json documents in our Mongosh Database.

▼ Today				
	activities_full	10/14/2025 4:14 PM	JSON File	18 KB
	courses_full	10/14/2025 4:14 PM	JSON File	13 KB
	enrollments_full	10/14/2025 4:14 PM	JSON File	13 KB
	faculty_full	10/14/2025 4:14 PM	JSON File	13 KB

➔ Now Extract the ZIP file.



➔ We will be using this DB.

```
mongosh> use MyProjectMongodb
switched to db MyProjectMongodb
MyProjectMongodb> // kanchan kapri // Registration No : 1240258215
```

➔ Before importing the json documents , We have to Download the Mongodb Database tools → then we can use the **import** command.

TOOLS

MongoDB Command Line Database Tools Download

The MongoDB Database Tools are a collection of command-line utilities for working with a MongoDB deployment. These tools release independently from the MongoDB Server schedule enabling you to receive more frequent updates and leverage new features as soon as they are available. See the [MongoDB Database Tools](#) documentation for more information.

Note: MongoDB Database Tools are distributed as open source (Apache 2.0), standalone products developed separately from the MongoDB Server.

Version
100.13.0

➔ Download this choose **MSI**.

Version

100.13.0

▼

Platform

Windows x86_64

▼

Package

msi

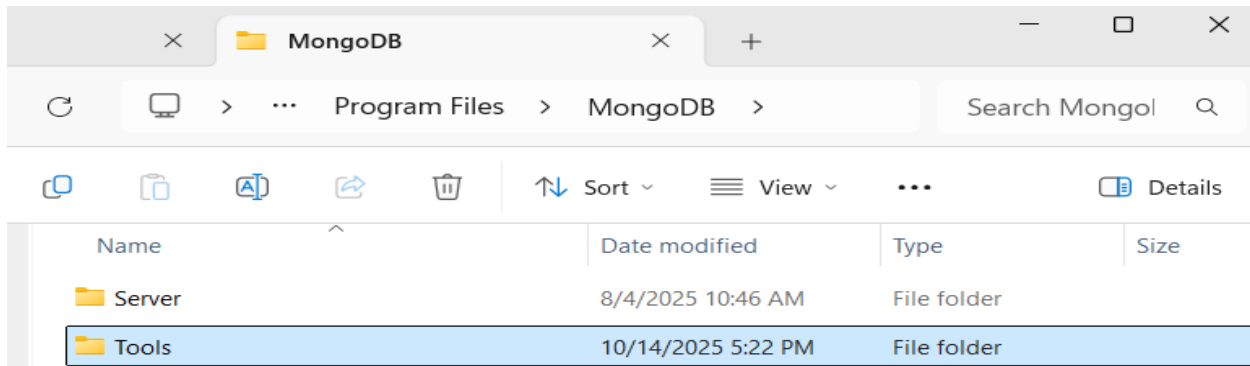
▼

Download

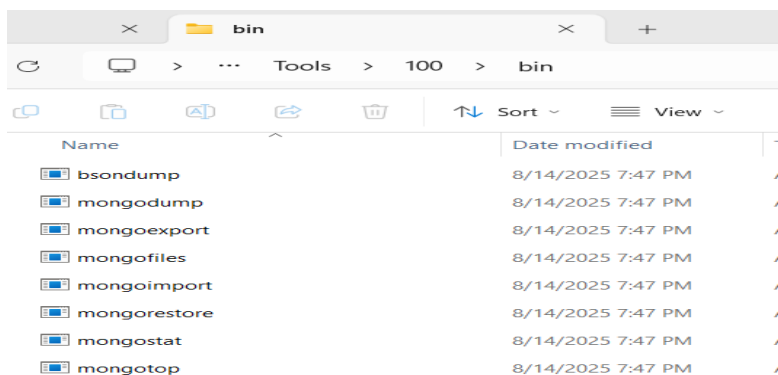
Copy link

More Options

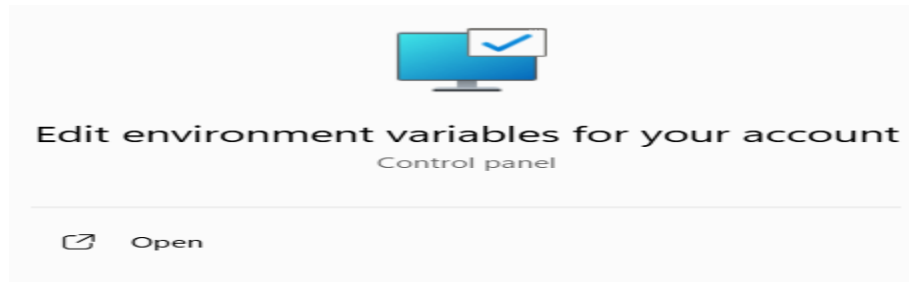
➔ Now copy the path till BIN then add it to Environment Variables.



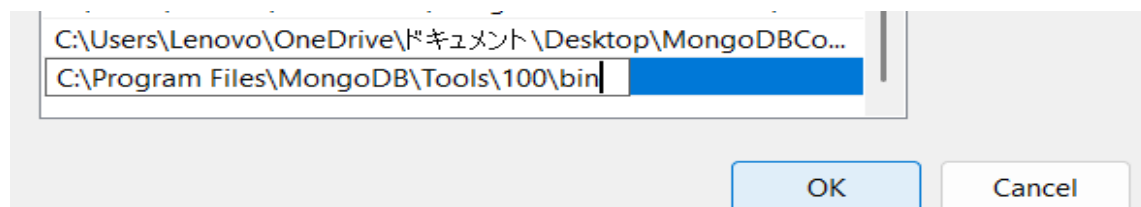
➔ Open layers Till **bin** comes, then Copy the Path.









➔ Now search Environment Variables .



➔ Search **path** then **edit** click **ok** .



➔ Congrats, Now we can use **import** tool of Mongodb, Now , We will be Loading our data
Click the json file and copy the path.

Name	Date modified	Type	Size
▼ Today			
 activities_full	10/14/2025 4:14 PM	JSON File	
 courses_full	10/14/2025 4:14 PM	JSON File	
 enrollments_full	10/14/2025 4:14 PM	JSON File	
 faculty_full	10/14/2025 4:14 PM	JSON File	
 MongoDB Assignment Instructions	10/14/2025 4:14 PM	Microsoft Edge PD...	
 students_full	10/14/2025 4:14 PM	JSON File	

➔ Copy Path.



➔ Come into Powershell , then ->

(mongoimport [paste the path] -d MyProjectMongodb -c activity --jsonArray --drop)

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Lenovo> mongoimport "C:\Users\Lenovo\Downloads\Assessment Task-20251014T104109Z-1-001\Assessment Task\activities_full.json" -d MyProjectMongodb -c activity --jsonArray --drop
```

➔ We have added one json file, now this is the Output.

```
PS C:\Users\Lenovo> mongoimport "C:\Users\Lenovo\Downloads\Assessment Task-20251014T104109Z-1-001\Assessment Task\activities_full.json" -d MyProjectMongodb -c activity --jsonArray --drop
2025-10-14T18:00:42.843+0530 connected to: mongodb://localhost/
2025-10-14T18:00:42.844+0530 dropping: MyProjectMongodb.activity
2025-10-14T18:00:42.914+0530 100 document(s) imported successfully. 0 document(s) failed to import.
PS C:\Users\Lenovo> |
```

➔ The Question Maybe rise here that why we using ➔ -d , -c ,--json and --drop

Here 's you can explore .

Flag / Option	Meaning	Purpose
-d or --db	Database	Specifies which database to import into
-c or --collection	Collection	Specifies which collection (table) to store data in
--file	File path	Points to your JSON or CSV file
--jsonArray	JSON format	Tells MongoDB that data is inside [...] array format
--drop	Delete old data	Removes the existing collection before importing new data

➔ Now , Same as Do for All the rest Documents .

```
PS C:\Users\Lenovo> mongoimport "C:\Users\Lenovo\Downloads\Assessment Task-20251014T104109Z-1-001\Assessment Task\courses_full.json" -d MyProjectMongodb -c Courses --jsonArray --drop
2025-10-14T18:03:39.352+0530 connected to: mongodb://localhost/
2025-10-14T18:03:39.353+0530 dropping: MyProjectMongodb.Courses
2025-10-14T18:03:39.376+0530 100 document(s) imported successfully. 0 document(s) failed to import.
PS C:\Users\Lenovo> mongoimport "C:\Users\Lenovo\Downloads\Assessment Task-20251014T104109Z-1-001\Assessment Task\enrollments_full.json" -d MyProjectMongodb -c enrollments --jsonArray --drop
2025-10-14T18:06:33.775+0530 connected to: mongodb://localhost/
2025-10-14T18:06:33.776+0530 dropping: MyProjectMongodb.enrollments
2025-10-14T18:06:33.796+0530 100 document(s) imported successfully. 0 document(s) failed to import.
PS C:\Users\Lenovo> mongoimport "C:\Users\Lenovo\Downloads\Assessment Task-20251014T104109Z-1-001\Assessment Task\faculty_full.json" -d MyProjectMongodb -c faculty --jsonArray --drop
2025-10-14T18:09:07.623+0530 connected to: mongodb://localhost/
2025-10-14T18:09:07.624+0530 dropping: MyProjectMongodb.faculty
2025-10-14T18:09:07.646+0530 100 document(s) imported successfully. 0 document(s) failed to import.
PS C:\Users\Lenovo> mongoimport "C:\Users\Lenovo\Downloads\Assessment Task-20251014T104109Z-1-001\Assessment Task\students_full.json" -d MyProjectMongodb -c students --jsonArray --drop
2025-10-14T18:09:41.076+0530 connected to: mongodb://localhost/
2025-10-14T18:09:41.077+0530 dropping: MyProjectMongodb.students
2025-10-14T18:09:41.100+0530 100 document(s) imported successfully. 0 document(s) failed to import.
PS C:\Users\Lenovo>
```

➔ Now Come in the Mongoshell ,You can show dbs Here the **MyProjectMongodb**.

```
test> show dbs
MyProjectMongodb 208.00 KiB
admin            132.00 KiB
car-info         72.00 KiB
config           72.00 KiB
db2nd            8.00 KiB
db_1             80.00 KiB
local           172.00 KiB
my_database      56.00 KiB
test             40.00 KiB
test>
```

➔ Use the database.

```
test> use MyProjectMongodb
switched to db MyProjectMongodb
```

➔ Now, You can see the Collection in this.

```
MyProjectMongodb> show collections
activity
Courses
enrollments
faculty
students
MyProjectMongodb>
```

➔ **Finally** , Now the all .json documents has been **loaded** .

Now , We can do the further Queries.