Install MongoDB on Windows

Step 1: Download MongoDB

1. Go to the official MongoDB download page:
   👉 https://www.mongodb.com/try/download/community

2. **Choose the following:**

   - **Version:** Latest Stable Version (e.g., 7.0 or 6.0)

   - **OS:** Windows

   - **Package:** `.msi` (Windows Installer)

3. Click **Download** and save the `.msi` file.

Step 2: Install MongoDB via Installer

1. Double-click the downloaded `.msi` file to start the setup wizard.

2. Click **Next** on the welcome screen.

3. **Accept License Agreement** → Click **Next**.

4. **Choose Setup Type:**

   - Select **Complete** (recommended).

5. **Service Configuration:**

   - **Install MongoDB as a Service** (keep default)

   - Leave Service Name, Startup Type as default (Automatic)

6. **Install MongoDB Compass:**

   - You may keep it selected if you want the GUI, or uncheck it if not needed.

7. Click **Install**, wait for completion, then click **Finish**.

Step 3: Set MongoDB Environment Variables (Optional but Recommended)

1. Open **Start Menu** → Search **Environment Variables** → Click **"Edit the system environment variables"**

2. In System Properties, click **Environment Variables**.

3. Under **System Variables**, find `Path`, then click **Edit**.

4. Click **New**, then add the MongoDB bin path (usually):
    ```
    pgsql
    ```

    ```
    C:\Program Files\MongoDB\Server\<version>\bin
    ```

5. Click **OK** on all dialogs to save.

Step 4: Verify Installation

1. Open **Command Prompt** (cmd)

2. Run:

    ```
    mongod --version
    ```

3.
    ```
    mongo --version
    ```
4.

    If successful, it means MongoDB is installed and in the path.

Step 5: Create Default Data Folder

MongoDB needs a folder to store data.

1. Create a directory:

    ```
    mkdir C:\data\db
    ```

2.
    Or use File Explorer to create folders:
    ◦   `C:\data`

    ◦   Inside `data`, create folder named `db`

3. MongoDB will use this path by default to store databases.

Step 6: Start MongoDB Server

1. Open **Command Prompt** as Administrator.

2. Run:
    ```
    mongod
    ```

3.
    This will start the MongoDB server. Leave this terminal open.

Step 7: Open MongoDB Shell (Client)

In a new **Command Prompt window**, run:

```
mongosh
```

You'll enter the MongoDB shell and see a prompt like:

You can now start issuing MongoDB commands.