

Windows users

Setup

(Do the following one time)

Install Python

1. Go to the [Python Downloads page](#).
2. Click the big yellow "**Download Python**" button.
3. Run the installer file (.exe) you just downloaded.
4. **IMPORTANT:** On the first screen of the installer, check the box that says "**Add python.exe to PATH**". This is critical!
5. Click **Install Now**.

Install Ollama

1. Go to [ollama.com/download](#).
2. Click "**Download for Windows**".
3. Run the installer file and click "Install".
4. Once finished, you can verify it is working by opening a Command Prompt (press Win key, type cmd, hit Enter) and typing:
 - 4.1. ollama –version

Download LLM

1. Open your terminal:
2. **Windows:** Press Win key, type cmd, and hit Enter.
3. Copy and paste the following command and hit Enter:
 - 3.1. ollama pull llama3.1:latest
4. Wait for the download to finish. It is several gigabytes, so it may take a few minutes.

Run the prototype

(do this every time you want to run it)

1. **Open File Explorer** (click the folder icon on your taskbar or press Win + E).
2. **Navigate** to the folder where you saved the prototype files. You should see your requirements.txt and python scripts in the window.
3. **Click the Address Bar** at the very top of the window (where the folder path is shown).

4. **Type** cmd and press **Enter**.
5. A command prompt window will open. Now we will create a virtual environment (venv) and install dependencies for the script to run. Paste these commands one by one, hitting enter between each one:
 - 5.1. Python3 -m venv venv
 - 5.2. venv\Scripts\activate
6. You should see your command prompt look like this if it worked:
 - 6.1. (venv) C:\Users\Name\Project>
7. Now, run this command to install those requirements into the virtual environment:
 - 7.1. pip install -r requirements.txt
8. Finally, start the python server
 - 8.1. Python3 dash_server.py

How to use it now?

1. Once you run dash-server.py, the black window should stay open (do not close it!). It will likely say something like: Running on <http://127.0.0.1:5000>
2. Leave that window open in the background.
3. Double-click on the frontend.html file. Make sure it opens in Chrome
4. See the debugging output in the black window as you interact with Dash

Mac users

Setup (*Do the following one time*)

Install Python

1. Go to the **Python Downloads** page.
2. Click the big yellow "**Download Python**" button.
3. Open the package file (.pkg) you just downloaded and follow the prompts to install.
4. Once the installation is done, it may open a folder with certificates. You can close this.

Install Ollama

1. Go to ollama.com/download.
2. Click "**Download for macOS**".
3. Unzip the downloaded file and drag the **Ollama** app into your **Applications** folder.
4. **Important:** Double-click the Ollama app in your Applications folder to run it. Follow the steps on screen to finish the setup (this installs the necessary command-line tools).
5. You can verify it is working by opening the Terminal (press **Cmd + Space**, type **Terminal**, hit **Enter**) and typing: `ollama --version`

Download LLM

1. Open your Terminal: Press **Cmd + Space**, type **Terminal**, and hit **Enter**.
2. Copy and paste the following command and hit **Enter**: `ollama pull llama3.1:latest`
3. Wait for the download to finish. It is several gigabytes, so it may take a few minutes.

Run the prototype (*Do this every time you want to run it*)

1. **Open Finder** and locate the folder where you saved the prototype files.
2. Open the **Terminal** app (**Cmd + Space**, type "Terminal", **Enter**).
3. Type `cd` followed by a **space**.
4. **Drag and drop** the prototype folder from Finder directly into the Terminal window. It will automatically fill in the path. Press **Enter**.
5. Now we will create a virtual environment (venv) and install dependencies. Copy and paste these commands one by one, hitting **Enter** between each one:

- a. `python3 -m venv venv`
- b. `source venv/bin/activate`
6. *You should see your command prompt look like this if it worked:*
 - a. `(venv) user@Macbook Project %`
7. Now, run this command to install the requirements
 - a. `pip install -r requirements.txt`
8. Finally, start the python server
 - a. `python3 dash_server.py`

How to use it now?

Once you run `dash-server.py`, the terminal window should stay open (do not close it!). It will likely say something like: **Running on <http://127.0.0.1:5000>**

1. Leave that window open in the background.
2. Double-click on the **frontend.html** file in your Finder. Make sure it opens in Chrome.
3. See the debugging output in the terminal window as you interact with Dash.