

# Dashboard Installation for Windows

## 1. Download the Project

1. Go to the GitHub repo:

<https://github.com/rmapdgo/FSM-V2.1-Dashboard-local>

or on sharepoint

<https://liveuclac.sharepoint.com/:f:/r/sites/WellcomeLeapMedPhys/Shared%20Documents/Data%20Platform/FetalSense/dashboard-V2.1?csf=1&web=1&e=obLUD3>

2. Click **Code** → **Download ZIP**
3. Save it anywhere (e.g., Desktop)
4. Right-click the downloaded ZIP → **Extract All...**

You should end up with a folder like:

```
FSM-V2.1-Dashboard-local/  
  app.py  
  requirements.txt  
  src/
```

## 2. Install Python (Windows)

1. Visit:  
<https://www.python.org/downloads/windows/>
2. Download the latest **Python 3.x (64-bit)** installer.
3. Run the installer and check:  
✓ Add Python to PATH
4. Click **Install Now**

### Verify installation:

Open Command Prompt ( **Win + R** → **cmd** ) and run:

```
python --version  
pip --version
```

Both commands should return version numbers.

## 3. Install VS Code

1. Download:  
<https://code.visualstudio.com/>
2. Install with default settings.
3. When VS Code opens, install:  
**Python Extension (Microsoft)**

## 4. Open the Project in VS Code

1. In VS Code click **File → Open Folder**

2. Select:

```
FSM-V2.1-Dashboard-local
```

## 5. Create a Virtual Environment (Recommended)

Inside VS Code:

1. Open a terminal:

**Terminal → New Terminal**

2. Run:

```
python -m venv venv
```

1. Activate the environment:

```
venv\Scripts\activate
```

You should now see:

```
(venv) C:\path\FSM-V2.1-Dashboard-local>
```

## 6. Install Required Python Packages

With the environment activated:

```
pip install -r requirements.txt
```

If pip is outdated:

```
python -m pip install --upgrade pip
```

## 7. Run the Application

In the same terminal:

```
python app.py
```

You should see output like:

```
Running on http://127.0.0.1:8052
```

## 8. Open the Dashboard

Open your browser and go to:

```
http://localhost:8052
```

(Unless a different port is set in `app.py`.)

## 9. Stop the App

In the VS Code terminal, press:

```
CTRL + C
```

## Optional (but helpful)

If package installation fails:

```
pip install --upgrade pip setuptools wheel
```

Then reinstall:

```
pip install -r requirements.txt
```