

# Stroke-Analyst 2 Installation Guide

Follow these steps to set up the environment and run Stroke-Analyst 2 on your system.

## Prerequisites

- **Anaconda or Miniconda:** Make sure you have Anaconda or Miniconda installed. If not, download it from the official Anaconda website and follow the installation instructions. Ensure you add conda to your PATH during installation.
- **Disk Space:** Ensure you have enough space on your local disk for the installation and running of Stroke-Analyst 2.

## Installation Instructions

### For Windows Users

1. **Download StrokeAnalyst-2:** Download the latest version of StrokeAnalyst-2, which includes the `environment.yml` file. Unzip the contents in a folder.
2. **Open Anaconda Prompt as Administrator:** Search for Anaconda Prompt in the Start menu, right-click it, and select "Run as Administrator". Keep it open during the whole procedure.
3. **Locate the path of the StrokeAnalyst-2:** First locate the path of folder that contains StrokeAnalyst-2 -> open the folder of StrokeAnalyst-2 -> right-click on it and open a Windows terminal -> type "pwd", it will return the path of StrokeAnalyst-2 (e.g. `path\to\StrokeAnalyst-2`). Copy this path by selecting it and press Ctrl+Shift+C.
4. **Navigate to Stroke-Analyst 2 Directory:** In your Anaconda prompt window, change to the directory where Stroke-Analyst 2 is located using the `cd` command, meaning: `cd path\to\StrokeAnalyst-2`

**Create and Activate the Conda Environment:** Use the `environment.yml` file to create and activate the Stroke-Analyst 2 environment. Use:

```
conda env create -f environment.yml
```

After running the above, the procedure may take some time. Wait until it is finished. It is important to finish without errors. After it is finished run the below:

```
conda activate sa2
```

5. **Run Stroke-Analyst 2:** Start the application with the following command:

```
streamlit run .\src\Home.py
```

StrokeAnalyst-2 will start running in your browser.

**Important: keep the Anaconda window open as long as StrokeAnalyst-2 runs.**

## **For Linux Users**

**Make sure that you have conda installed in your system. Following that do the same process as mentioned above:**

- 1) Create and activate environment using the .yml file
- 2) Run Stroke-Analyst 2 using `streamlit run src/Home.py`