

Read and Execute Document for Streamlit Code:

Before executing the Streamlit code, ensure that your system meets the minimum requirements specified for running Streamlit.

Step-by-Step Execution:

Follow these sequential steps to execute the Streamlit code without any issues. Double-check each step to ensure correctness and clarity.

1) Install Streamlit:

Install Streamlit using the following command in your command prompt:

`pip install streamlit(command prompt)` or `!pip install streamlit(jupyter notebook)`

2) Load Your 'final_model' (Example: Your PKL file):

Use the following Python code to load your PKL file and determine its file path:

Tips to know your pkl file : **`os.path.abspath('type your file name hear')`**

3)Write Your Streamlit Code:

Write your Streamlit code, providing your X variable as input. Set your default X variable while creating the Streamlit code, then prompt the machine to predict the Y variable. After compiling your Streamlit code, follow these important steps:

4) Keep All Your Files in the Same Folder:

Ensure all your files are stored in the same folder. For example, create a folder named 'diabetic_end_to_end'. Store all your files, such as Jupyter code files, PKL files, and 'app.py' (which contains your Streamlit code), within this folder.

5) Running Your Streamlit Code:

To run your Streamlit code, use either the command prompt or Visual Studio Code terminal, according to your preference:

1)Using Command Prompt:

- Open Command Prompt.

- Change the directory to the location of your file. For example, if your file is stored in 'D' drive under the folder 'diabetic_end_to_end', use the following commands:

D: first open d drive in cmd -step 1

cd diabetic_end_to_end -step 2

Once you've navigated to the correct directory, execute your Streamlit code file. For example, if your Streamlit code file is named 'app.py', run the following command:

streamlit run app.py -step 3

Or

Visual studio

Open Terminal in Visual Studio Code:

- Open Visual Studio Code.
- Navigate to your Streamlit code file directory.
- Open the terminal within Visual Studio Code.

Executing Streamlit Code:

- Once the terminal is open, type the following command and press Enter:
 - **streamlit run app.py**