**1. Detailed Steps to run the Library:**

**Step 1:** Download the Library.

**Step 2:** Run Below Commands

python setup.py sdist

pip install .

**Step 3:** Open CMD in Directory

**Step 4:** Activate Virtual environment using below command:

.\myenv\Scripts\activate

**Step 5:** Type " python main.py"

**Step 6:** GUI will be Open.

**2. Directory Structure for Testing:**

Organize your package's directory in a standard format:

zeeshansami\_fticonsulting/

|-- zeeshansami\_fticonsulting/

| |-- \_\_init\_\_.py

| |-- visualization.py

|-- tests/

| |-- \_\_init\_\_.py

| |-- test\_visualization.py

|-- README.md

|-- setup.py

|-- requirements.txt

1. First, create the structure. You already have the **visualizations.py** file. Create a **tests** directory/folder in the same directory where **visualizations.py** is located.
2. Inside the **tests** folder, create an empty file named **\_\_init\_\_.py**. This will make the **tests** directory recognizable as a package by Python.

**3.** **Setting Up pytest:**

Install pytest: pip install pytest

To run the tests, navigate to the root directory of your project and execute: pytest