

1. Create a new environment

Open your command prompt or terminal and navigate to the directory where you want to create the new environment.

PS: You can run terminal commands using !pip in Python if you are using a Jupyter Notebook or a similar environment. A command with ! in a Jupyter Notebook cell allows you to execute that command as if you were running it in a terminal.

```
python -m venv delta-statistic-python
```

Creating a new environment provides a controlled and isolated space for your projects, since each acts as a separate, self-contained workspace. This isolation helps avoid conflicts between different projects that may require different versions of the same package, allowing you to manage the dependencies of your project more effectively.

To activate the environment, use the following command:

- For Windows:

```
delta-statistic-python\Scripts\activate
```

- For MacOS or Linux:

```
source delta-statistic-python/bin/activate
```

2. Install and import Packages that are needed in this new environment

You can now install packages and libraries specific to this environment using "pip". If you only want to run a specific part of the code, you can install it one-by-one, otherwise it's simpler to run in the terminal:

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

3. Run the webapp in your local machine

```
python manage.py migrate
```

```
python manage.py runserver
```

For more information check [Django Documentation](#)