

## Streamlit WebApp in Local System

► Steps to run the Streamlit WebApp in local system \_\_\_\_\_

### 1. Create the Python environment using Anaconda Prompt.

- Enter any name in 'env\_name'

```
Anaconda Prompt (anaconda3)

(base) C:\Users\Admin>conda create -n env_name
```

Type 'y' in next step

```
Anaconda Prompt (anaconda3) - conda create -n env_name

(base) C:\Users\Admin>conda create -n env_name
Collecting package metadata (current_repodata.json): done
Solving environment: done

==> WARNING: A newer version of conda exists. <==
  current version: 4.9.2
  latest version: 4.10.3

Please update conda by running

  $ conda update -n base -c defaults conda

## Package Plan ##

  environment location: C:\Users\Admin\anaconda3\envs\env_name

Proceed ([y]/n)? y
```

## 2. Then activate the environment

```
Anaconda Prompt (anaconda3)
Executing transaction: done
#
# To activate this environment, use
#
#     $ conda activate env_name
#
# To deactivate an active environment, use
#
#     $ conda deactivate

(base) C:\Users\Admin>conda activate env_name
```

After activating, the 'base' environment is changed to activated environment.

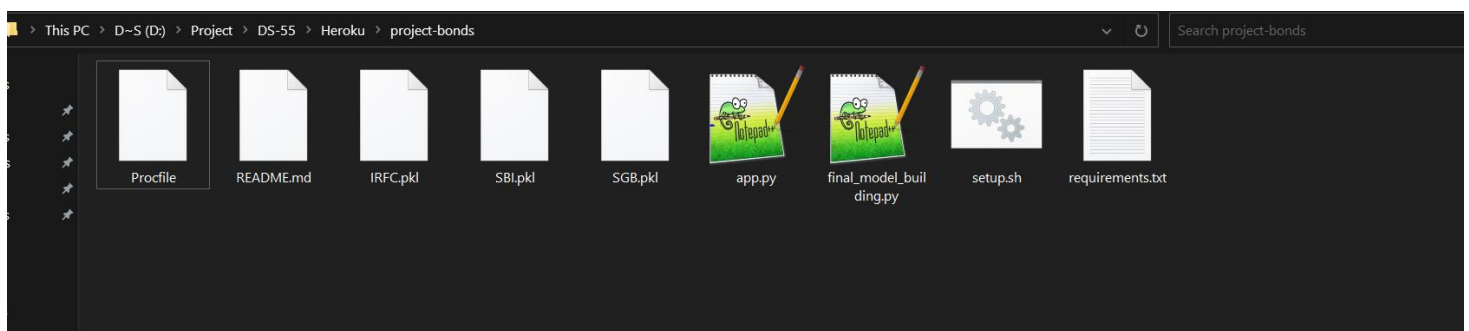
```
(base) C:\Users\Admin>conda activate env_name

(env_name) C:\Users\Admin>
```

Now, install streamlit library in this library. [pypi.org/project/streamlit/](https://pypi.org/project/streamlit/)

```
(env_name) C:\Users\Admin>pip install streamlit
```

## 3. Create the folder and the create/store all the files, codes in that.



#### 4. Open that folder in anaconda prompt.

Note: Activate the previously created environment instead of base environment.

```
(env_name) C:\Users\Sathiya vigraman M>cd D:\Project\DS-55\Heroku\project-bonds
```

```
(env_name) D:\Project\DS-55\Heroku\project-bonds>
```

#### 5. Then install all the dependencies stored in 'requirements.txt'.

```
(env_name) D:\Project\DS-55\Heroku\project-bonds>pip install -r requirements.txt
```

Note: It may take some time to install those packages.

#### 6. Now, run the streamlit command to open the webapp in local system.

```
(env_name) D:\Project\DS-55\Heroku\project-bonds>streamlit run app.py
```

```
2021-10-22 21:57:21.534 INFO numexpr.utils: NumExpr defaulting to 8 threads.
```

```
You can now view your Streamlit app in your browser.
```

```
Local URL: http://localhost:8501
```

```
Network URL: http://192.168.225.210:8501
```

Open this URL in browser.



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Forecast



## Investment on Bonds

**Comparing Profit of Sovereign Gold Bond  
with General Bonds (Indian Railway Finance  
Corporation & SBI Life (Unit II Regular) -  
Bond Fund)**

how many years you plan for investment:

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