TRENDING

Saturday 1 June 2024

PYTHON PROJECT

STOCK PRICE APP:

I used Streamlit library to make this Python Project:

Step by Step guide :

1. go to command prompt and type the command

`pip install streamlit`

2. I installed streamlit in my conda environment (miniconda or anaconda)

`conda activate base`

3. If you're facing any in activating the env:

eg: 'Conda' is not recognized as internal or external command

follow steps:

=>**Open Anaconda Prompt**

=> Check Conda Installed Location by using this command

`where conda`

=>**Open Advanced System Settings**

=>**Click on Environment Variables**

=>**Edit the path**

=>**Add New Path:**

`C:\Users\hi\Anaconda3\Scripts`

`C:\Users\hi\Anaconda3`

`C:\Users\hi\Anaconda3\Library\bin`

=> `Open Command Prompt and Check Versions`

=> conda install anaconda-navigator in cmd then press y

4. type this command in your command prompt

`conda activate your_environment_name`

in my case it was base

`conda activate base`

5. In command prompt install yfinance library

`pip install yfinance`

incase you already installed yfinance and it's still not showing up use the

following command:

`python -m pip install -U --force-reinstall yfinance`

close command prompt and reopen

```
Command Prompt - streamlit    X    +    v

Microsoft Windows [Version 10.0.22631.3593]
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C:\Users\hi>python -m pip install -U --force-reinstall yfinance
Collecting yfinance
  Using cached yfinance-0.2.40-py2.py3-none-any.whl.metadata (11 kB)
Collecting pandas>=1.3.0 (from yfinance)
```

6. Create a python file named myapp.py on desktop

   code:

```
Terminal  Help        ←  →              Search

  Welcome          myapp.py 1

C: > Users > hi > Desktop >  myapp.py > ...
   1    import yfinance as yf
   2    import streamlit as st
   3
   4    st.write("""
   5    # Simple Stock Price App
   6
   7    Shown are the stock **closing price** and **volume** of Google!
   8
   9    """)
  10
  11
  12    tickerSymbol = 'GOOGL'
  13    #get data on this ticker
  14    tickerData = yf.Ticker(tickerSymbol)
  15    #get the historical prices for this ticker
  16    tickerDf = tickerData.history(period='1d', start='2010-5-31', end='2020-5-31')
  17    # Open   High    Low Close   Volume Dividends  Stock Splits
  18
  19    st.line_chart(tickerDf.Close)
  20    st.line_chart(tickerDf.Volume)
```

7. again go on command prompt and type :

```
cd desktop
```

 as my file (myapp.py) is on desktop
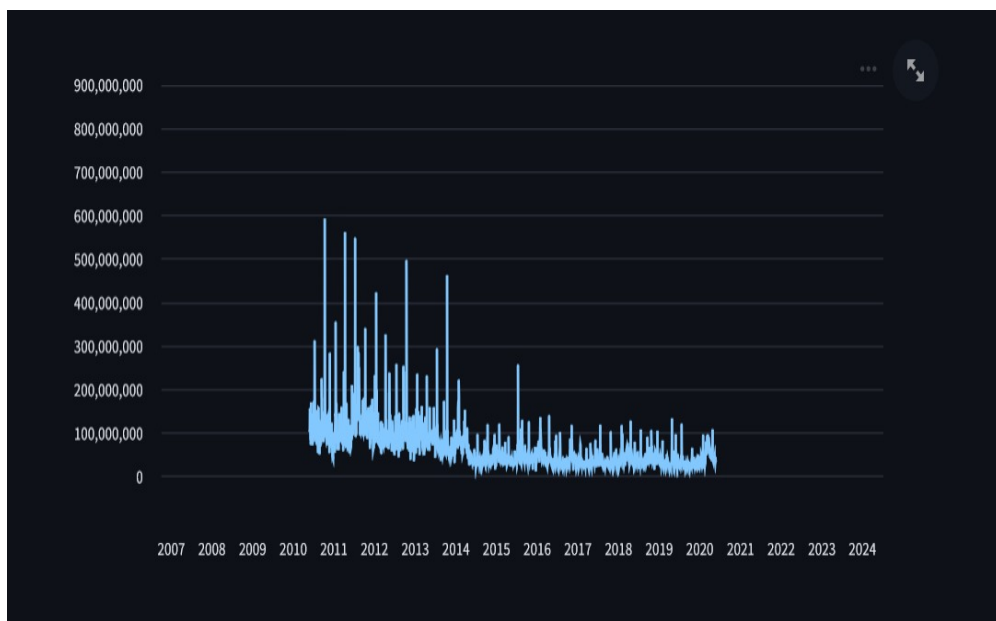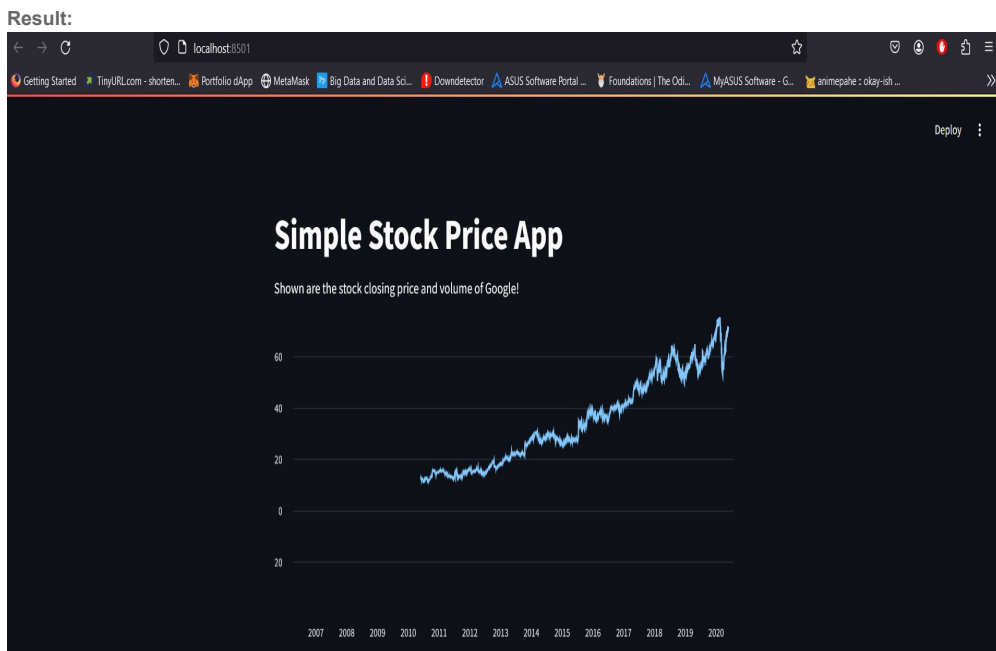
8. Run streamlit using following command:

   streamlit run myapp.py

```
C:\Users\hi>cd Desktop
```

```
C:\Users\hi>cd Desktop

C:\Users\hi\Desktop>streamlit run myapp.py

  You can now view your Streamlit app in your browser.

  Local URL: http://localhost:8501
  Network URL: http://192.168.1.13:8501
```

Result:

at June 01, 2024   No comments:

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- (no title)

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