

Nirma University

Team - 8

Project : OHLC ENGINE

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Instructions and set up

Step 1

Install Streamlit using the following command in the command prompt

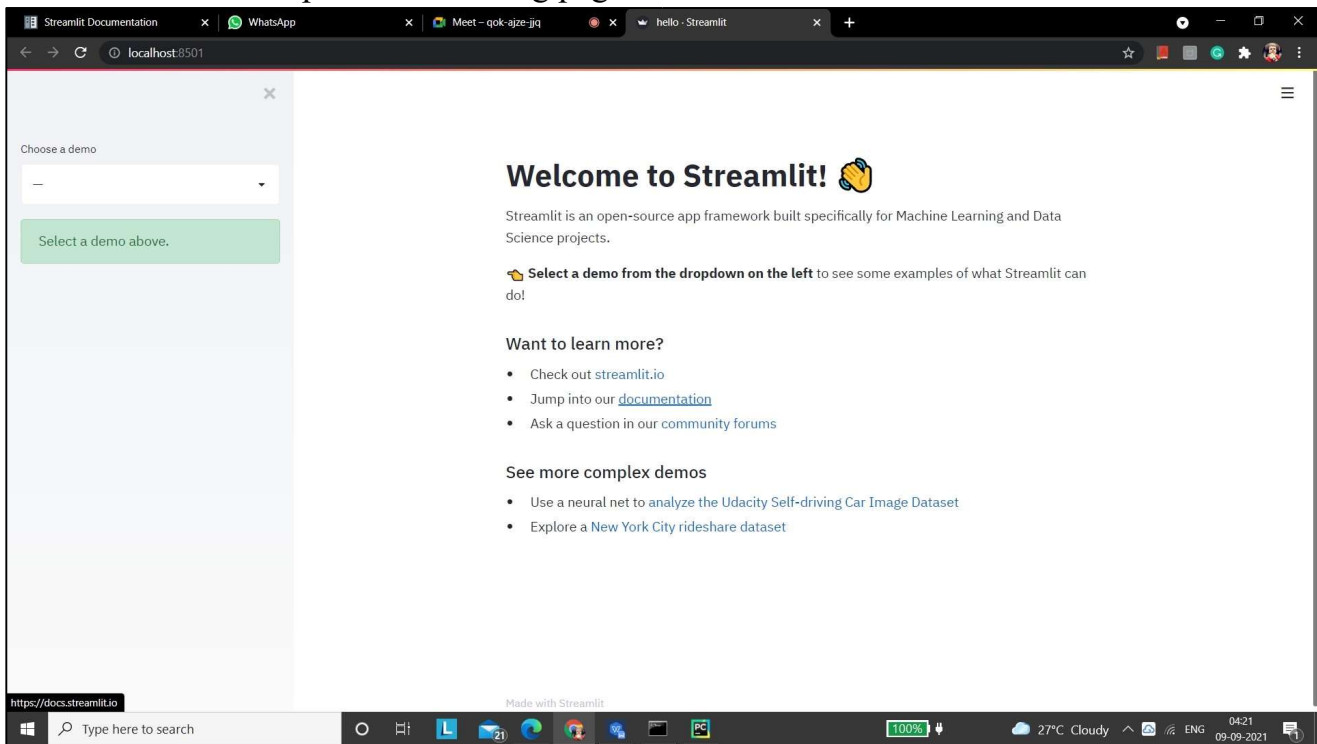
```
C:\Users\MEET VORA>pip install streamlit
```

Step 2

Write the following command to check whether Streamlit is working properly or not.

```
C:\Users\MEET VORA>streamlit hello
```

This command will open the following page



Step 3

Change directory using cd if the code is in different directory

```
C:\Users\MEET VORA>cd Desktop  
C:\Users\MEET VORA\Desktop>
```

Step 4

Write the following command to run the code

```
C:\Users\MEET VORA\Desktop>streamlit run app.py  
  
You can now view your Streamlit app in your brows  
  
Local URL: http://localhost:8501  
Network URL: http://192.168.29.18:8501
```

Which in turn will open the foloowing page

The screenshot shows a web browser window with the URL `localhost:3501`. The application has a sidebar on the left with an orange background. The sidebar contains the following elements:

- OHLC analysis till May 2021:** This application is a OHLC dashboard
- Companies:** A list of five green buttons: SONY, GOOGL, IBM, SNAP, and AMZN.
- Graph:** A dropdown menu currently showing "OHLC".

The main content area has a light gray background with a faint line graph pattern. It contains the following elements:

- OHLC analysis till May 2021:** This application shows graphs for the following companies
- Search for companies...** A text input field.
- OK** A green button.
- Sony Group Corporation** A paragraph of text: "Sony Group Corporation commonly known as Sony and stylized as SONY) is a Japanese multinational conglomerate corporation headquartered in Kōnan, Minato, Tokyo, Japan. As a major technology company, it operates as one of the world's largest manufacturers of consumer and professional electronic products, the largest video game console company and the largest video game publisher."
- SONY** A large heading.
- OHLC** A heading.

The Windows taskbar at the bottom shows the search bar, task view button, and several application icons. The system tray on the right shows the date and time as 04:22 on 09-09-2021, and the weather as 27°C Cloudy.

This screenshot shows the same application after a company has been selected. The sidebar remains the same. The main content area now displays a candlestick chart for SONY. The chart is titled "OHLC" and shows price movement from February 2021 to August 2021. The y-axis is labeled "PRICE" and ranges from 95 to 115. The x-axis is labeled "TIME" and shows months from Feb 2021 to Aug 2021. The chart shows a general upward trend with some volatility, ending around 105 in August 2021.