**Stock Prediction**

## **Introduction**: Stock prediction can assist brokers and investors in making educated decisions to reduce risks and maximize profits. The use of a graphical user interface for foreign exchange prediction makes this work considerably easier.

**Methodology**: To predict the Stock Price, we built a model using python library to predict Stock Price based on past data.

**Libraries used:** Kats, streamlit

**To run a demo:**

**Step 1:** Open anaconda prompt, navigate to the folder and type the following command:

pip install -r requirements.txt

**Step 2:**  Run the following command to view UI in the browser:

streamlit run stock\_predction\_streamlit.py

**Step 3:** Enter the values asked in the UI and click on “Predict” button to get the prediction.

**GUI**

* Upload the csv file of the stock data:

**Graphical user interface, text, application

Description automatically generated**

* Table

  Description automatically generatedSelect the time column and the Value column to predict .
* Table

  Description automatically generated with medium confidenceGraphical user interface, chart

  Description automatically generatedEnter the date to predict and then click on the “Predict” button