**Instructions for Running the model in Google Colab:**

1. **Upload the Jupyter Notebook:**

* Open [Google Colab](https://colab.research.google.com/).
* Click on the "File" menu and select "Upload notebook".
* Choose the file named “PREDICTION\_OF\_STOCK\_PRICES\_USING\_SENTIMENT\_ANALYSIS.ipynb” from the project folder and upload it.

1. **Upload the CSV File:**

* In the sidebar on the left, click on the "Files" tab.
* Click the upload button (or right-click in the sidebar) and select Upload.
* Choose the file named “IndianFinancialNews.csv” from your local machine and upload it.

1. **Run All Cells:**

* Go to the "Runtime" menu in the toolbar.
* Select "Run all".

**After the notebook has finished processing, it will display the results, including the accuracy and the confusion matrix of the model.**

**Instructions for Running the flask web application:**

1. **Make sure you have python installed**
2. **Make sure the system have following libraries installed:**

* flask
* werkzeug
* pandas
* textblob
* nltk
* tensorflow
* keras
* scikit-learn
* matplotlib
* Seaborn
* nltk

**If you don't have the following libraries:**

Install them using the following commands in command Prompt:

* pip install flask werkzeug pandas textblob nltk tensorflow keras scikit-learn matplotlib seaborn
* import nltk
* nltk.download('stopwords')
* nltk.download('punkt')

1. **Now open command Prompt:**

* Copy the location of “app.py” file available in Flask folder
* Make changes in app.py **UPLOAD\_FOLDER = r'C:\Users\mishr\Desktop\PREDICTING STOCK MARKET MOVEMENT BY ANALYZING SENTIMENT IN NEWS HEADLINES\Project'**
* change the location to where you have saved the file **“IndianFinancialNews.csv”**
* In cmd run the command “cd C:\Users\mishr\Desktop\major\Flask app\Flask”
* Then again in cmd run the command “python app.py”
* If will shortly provide the localhost server link which most likely is “<http://127.0.0.1:5000>”

1. **Upload the csv file in Input box**
2. **It will process the file using the model and then return the result as accuracy and confusion matrix**