

Stonks

Team No: 36 (Team Hustlers)

Team Members:

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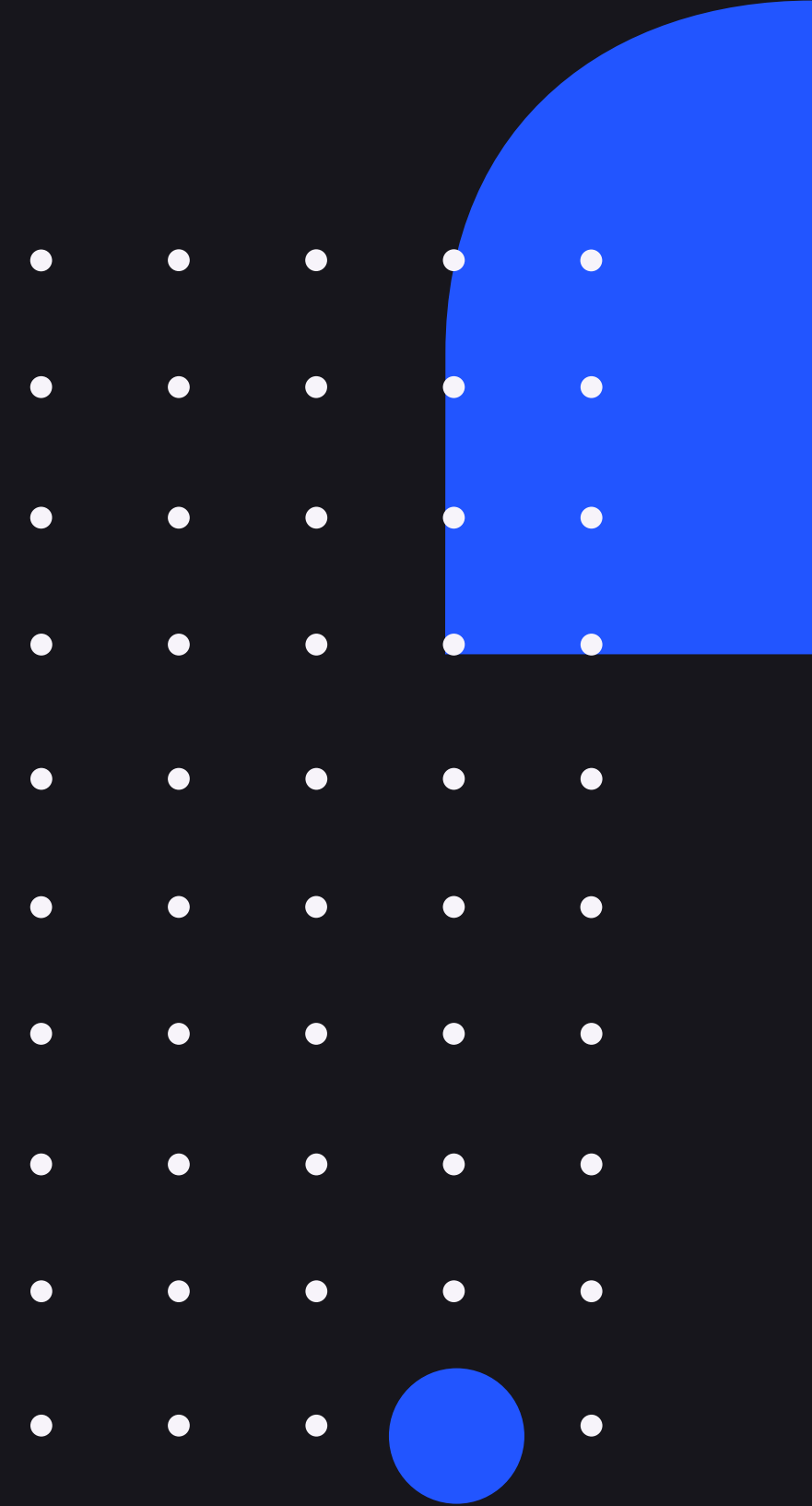


Main Goal

*"Stocks are like a game, their future's hard to crack,
their movement's hard to track"*

- ChatGPT

Through this project, we aim to use **past stock history** along with **recent news, articles and headlines** to predict the high, low and close price along with a unique score that advices whether to invest in the stock or not





Tools Used

- Python
- Colab
- Transformers
- HuggingFace
- Numpy
- Pandas
- Tensorflow
- Streamlit
- Yahoo Finance API
- Rapid API
- PyCharm

NEWS

-> Best Stock to Buy: Snap Stock vs. Meta Stock

-> Is Snap Stock a Buy Now?

-> A Beginner's Guide to Buying Facebook (Meta) Stock

-> Is Meta Platforms (META) a Smart Long-Term Buy?

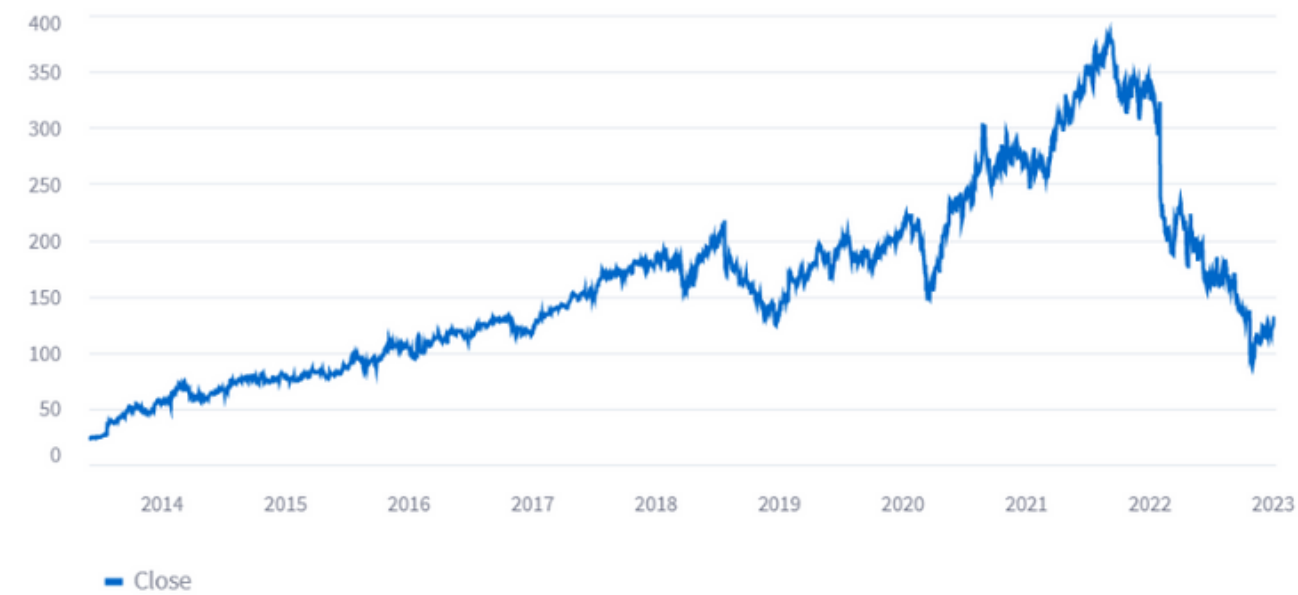
-> Google, Amazon, Meta, Microsoft and Twitter All Cut Jobs. Here's Who Offers the Most Generous Package

Stonks

Your friendly neighbourhood Stock Buddy 🐻

Enter stock name:

Meta



CURRENT PRICE 📈 : 139.37

PREDICTED PRICE 📉 160.145:

HIGH 📈 : 160.14

LOW 📉 : 156.9

Analysing recent news articles... ⌚

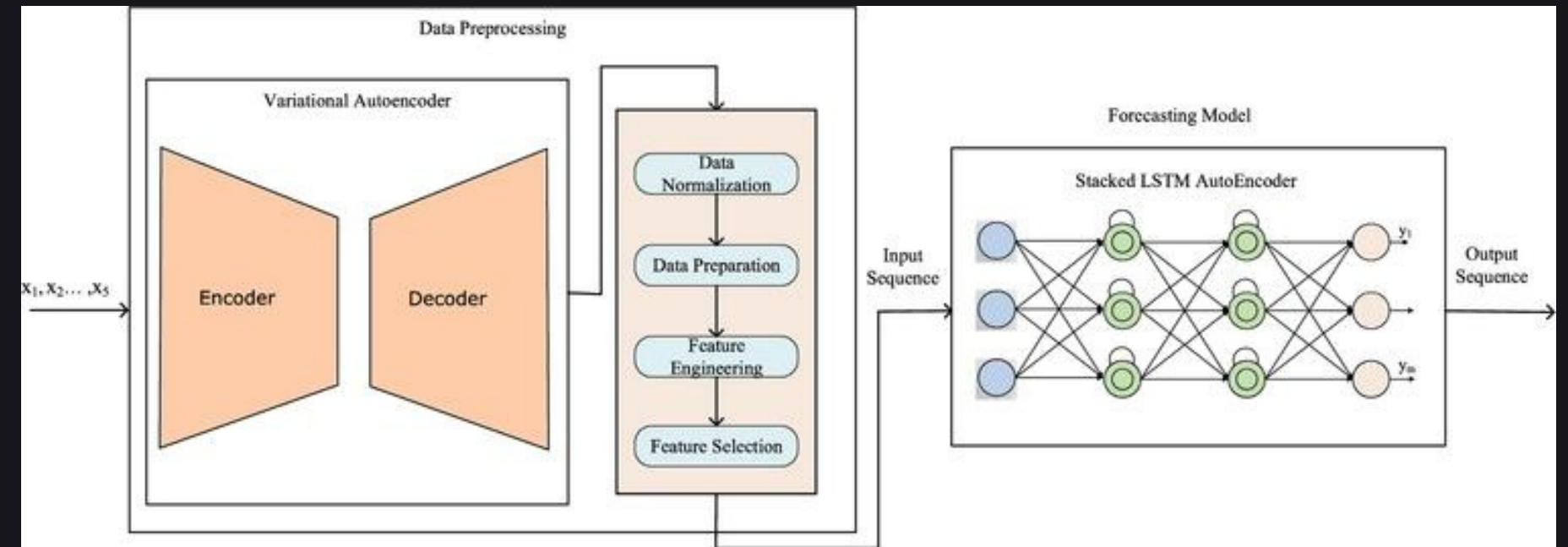
Based on the news articles, we give it a score of **1.006**

(Range: -10 to 10)

Please don't buy these stocks!!

Workflow

- User enters company name
- Backend fetches stock data and news headlines related to the company
- Our NLP and Time series models work their magic!
- We get predicted low, high, close and a news article score with our advice!



THANK
YOU