

# FAANG Stock Prediction

Using Bi-LSTMs

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# FAANG Explained

What you need to know



What is FAANG?

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What are Bi-LSTM models?

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Data scraping and preprocessing

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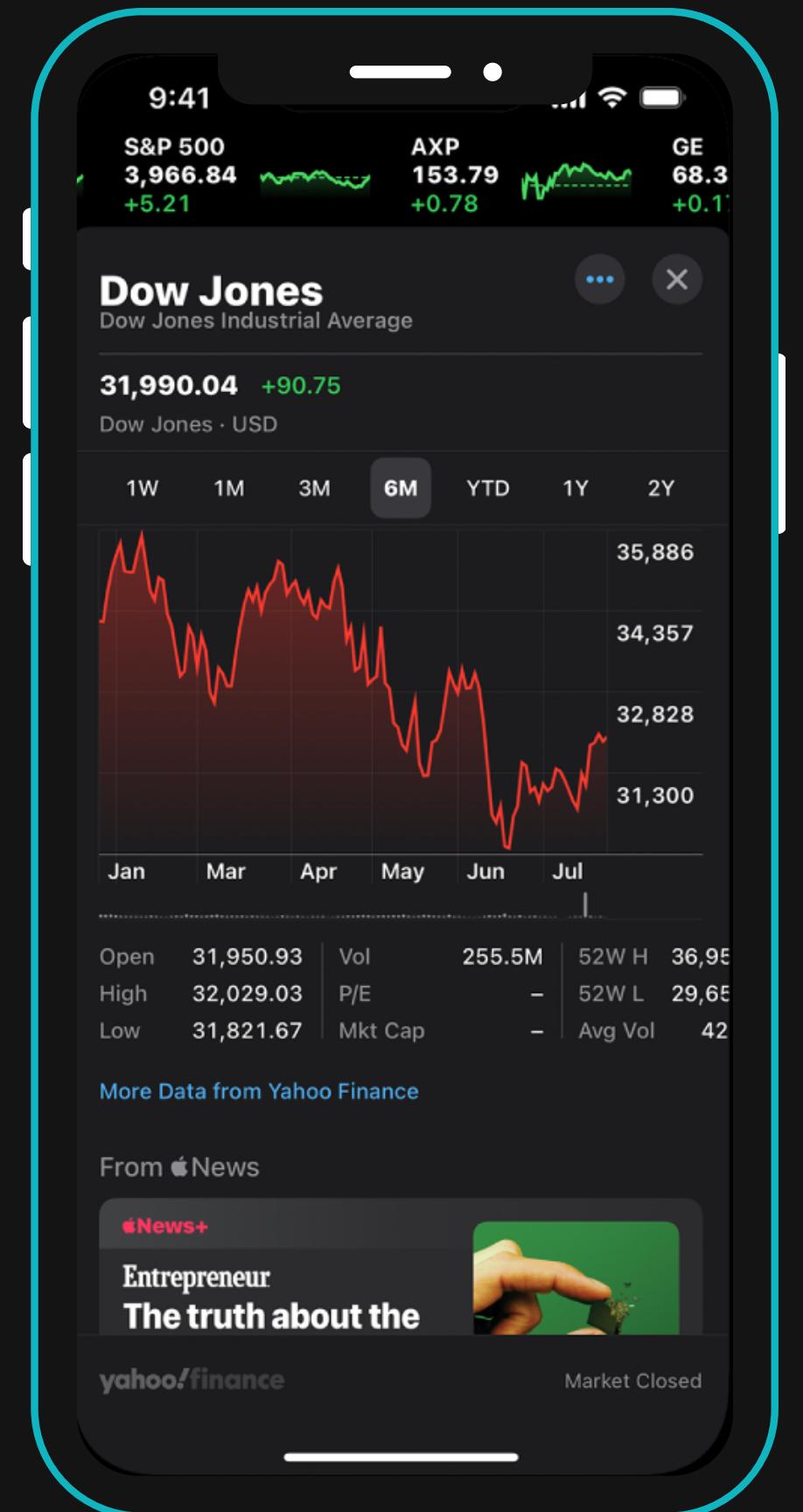
Model architecture

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Results and analysis

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Conclusion



# What is FAANG?



The FAANG group is composed of some of the most valuable technology companies in the world, including Facebook, Amazon, Apple, Netflix, and Google. They are known for their high market capitalization, growth potential, and innovative products and services.

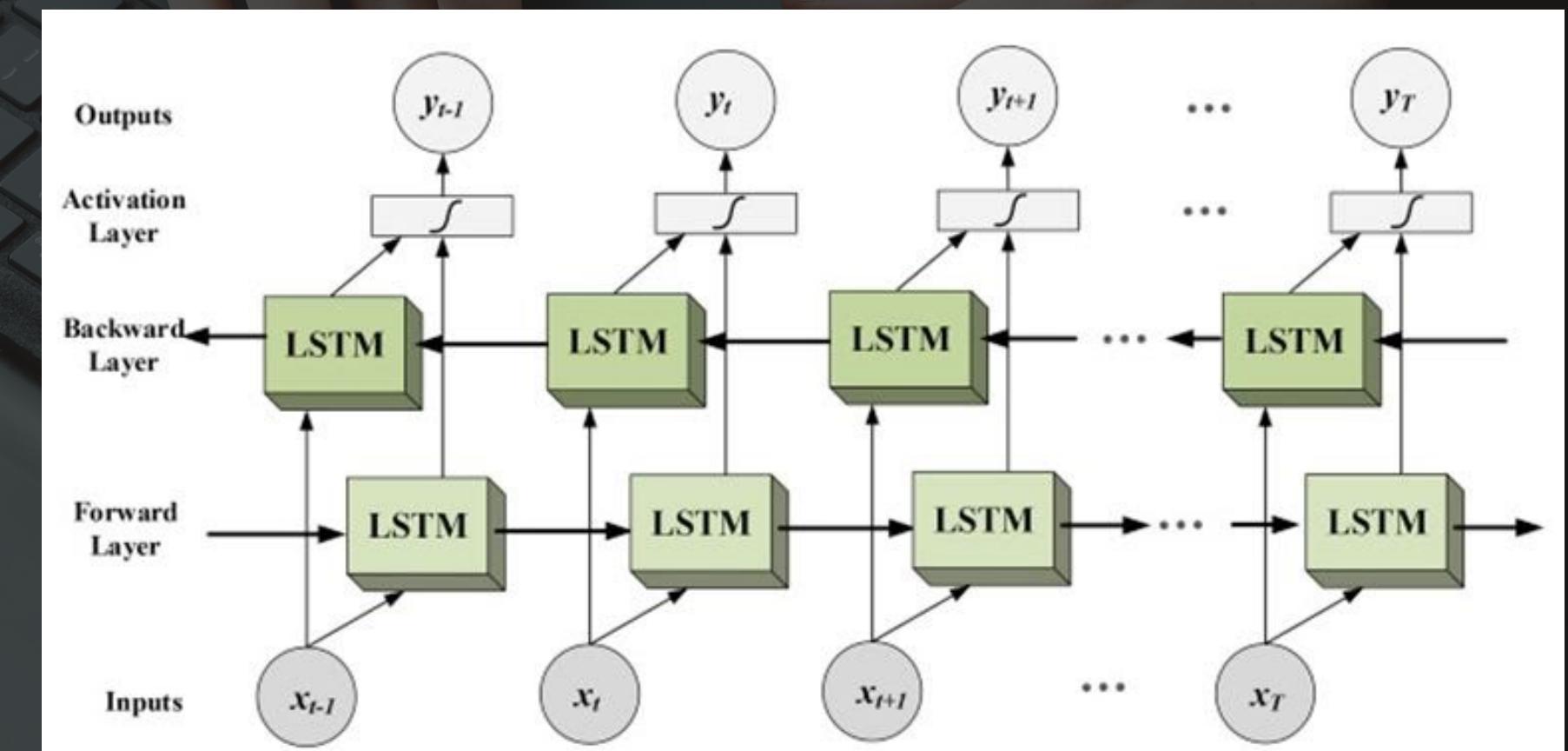
# Introduction to Bi-LSTM models

- Bi-directional Long Short-Term Memory (Bi-LSTM) models are a type of artificial neural network that can process sequential data such as time series.
- They can learn from past observations and make predictions about future outcomes.



# Bi-LSTM Models

Bi-directional LSTMs are capable of processing sequential data in both forward and backward directions. This allows the model to capture not only past but also future context, which can improve its predictive performance.



A dark, moody photograph showing a person's hands typing on a black keyboard. In the background, there is a white paper cup with a lid and a clear plastic water bottle with a straw. The lighting is dramatic, with strong highlights on the hands and keyboard against a dark background.

Let us move towards the code

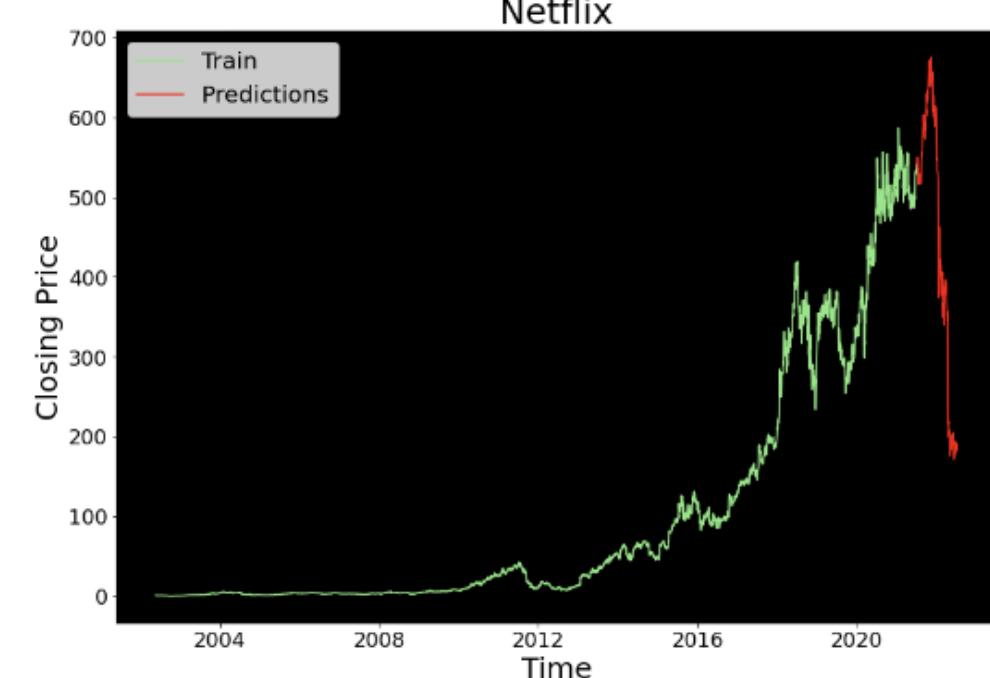
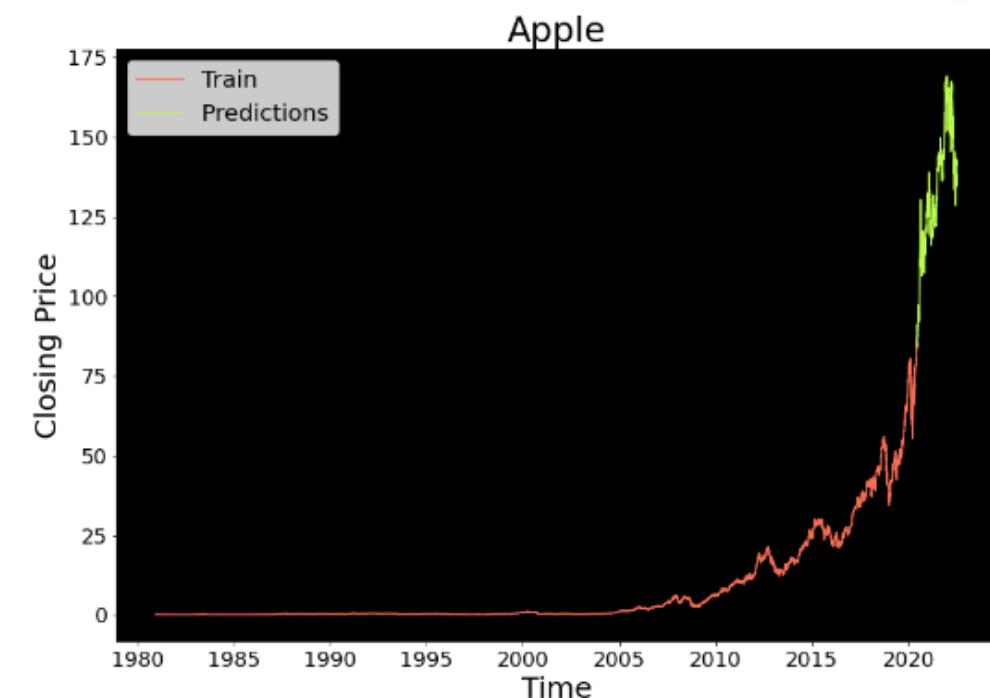
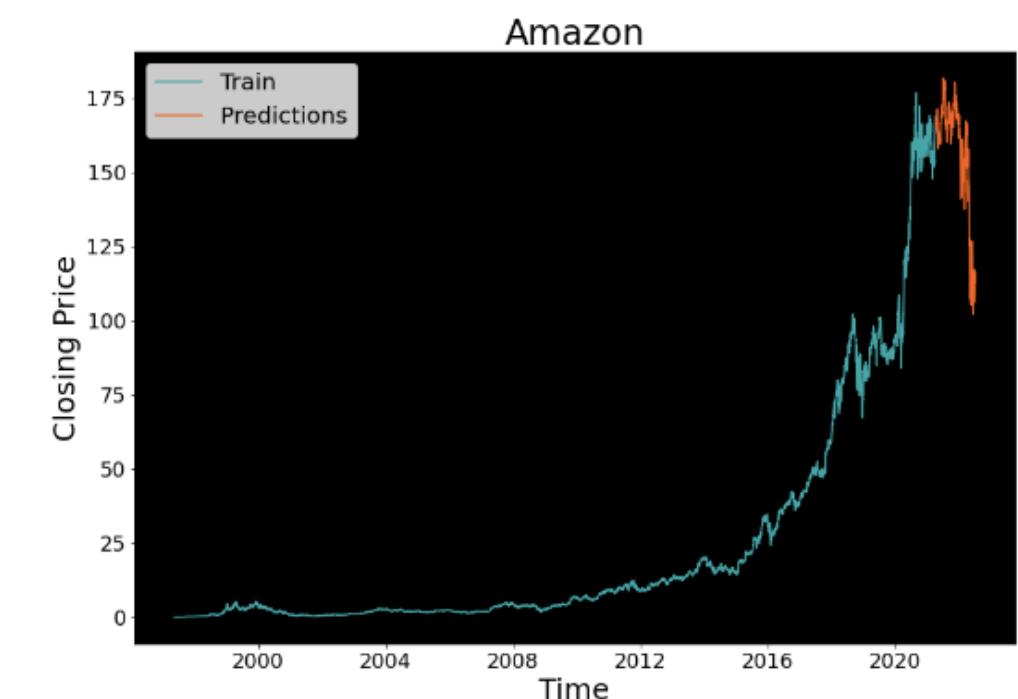
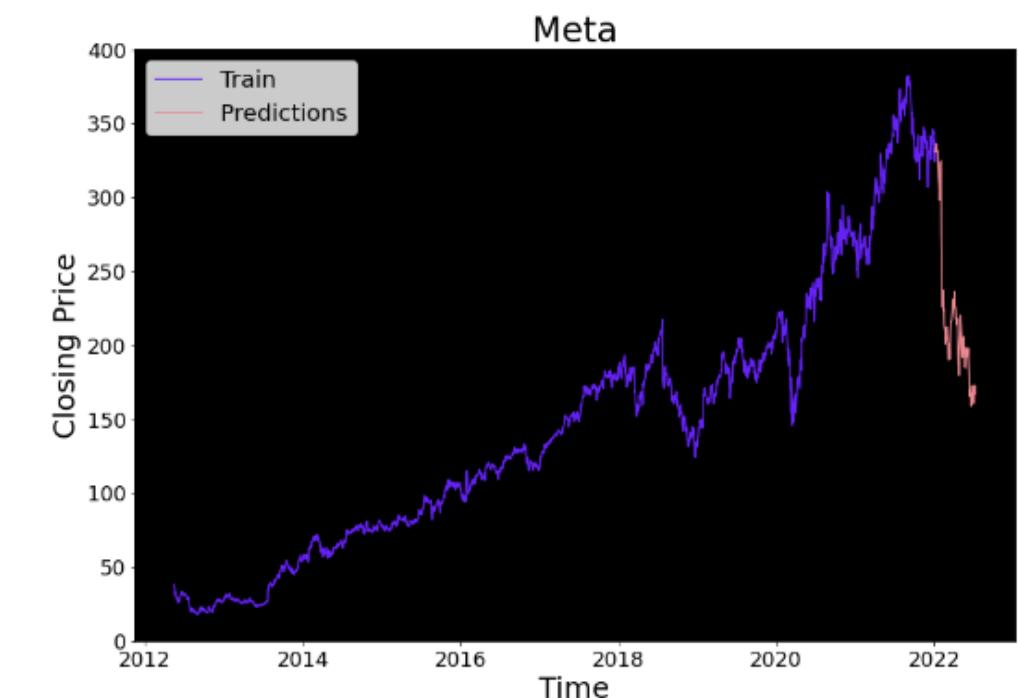
# GITHUB link to the code



## Closing Price Predictions

# FINAL RESULT

Here is the prediction of stocks at end of our model



# Thank you

