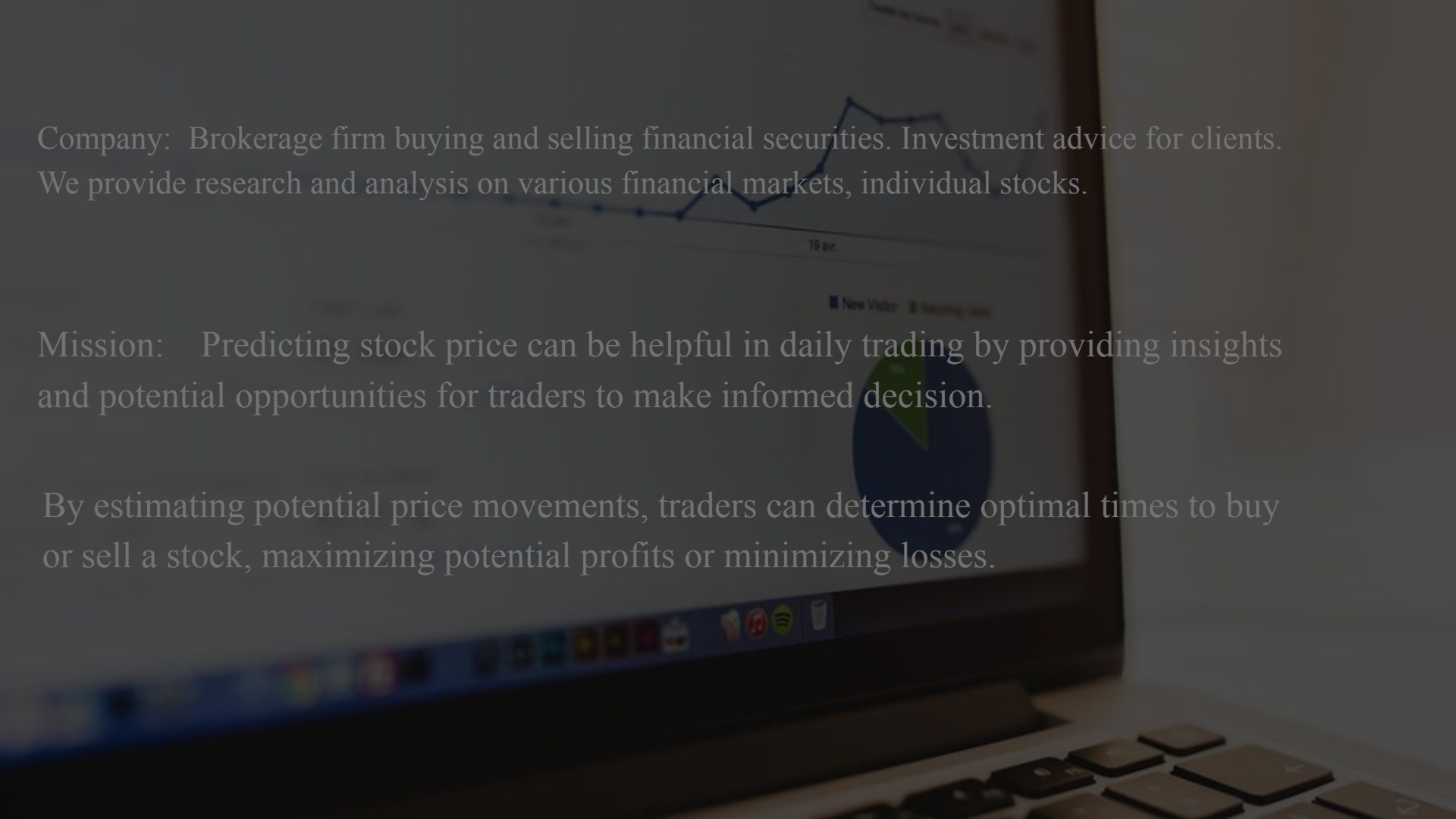




Apple Stock Price Prediction Time Series



Ticker symbol AAPL. Initial public offering was on Dec 12, 1980

The background image shows a laptop screen with a financial application. At the top, there is a line chart with a blue line showing fluctuations over time, with a label '19 av.' below it. Below the line chart is a pie chart with a blue segment and a green segment. The text overlays are in a light gray font. The first block of text describes the company as a brokerage firm. The second block describes the mission of predicting stock prices. The third block describes the process of estimating price movements.

Company: Brokerage firm buying and selling financial securities. Investment advice for clients. We provide research and analysis on various financial markets, individual stocks.

Mission: Predicting stock price can be helpful in daily trading by providing insights and potential opportunities for traders to make informed decision.

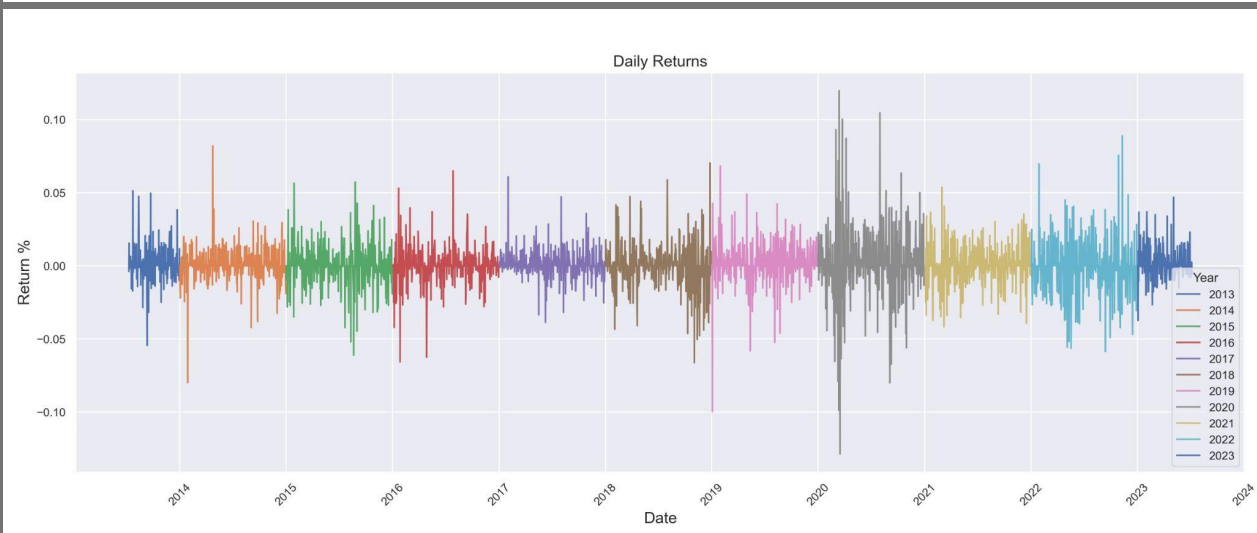
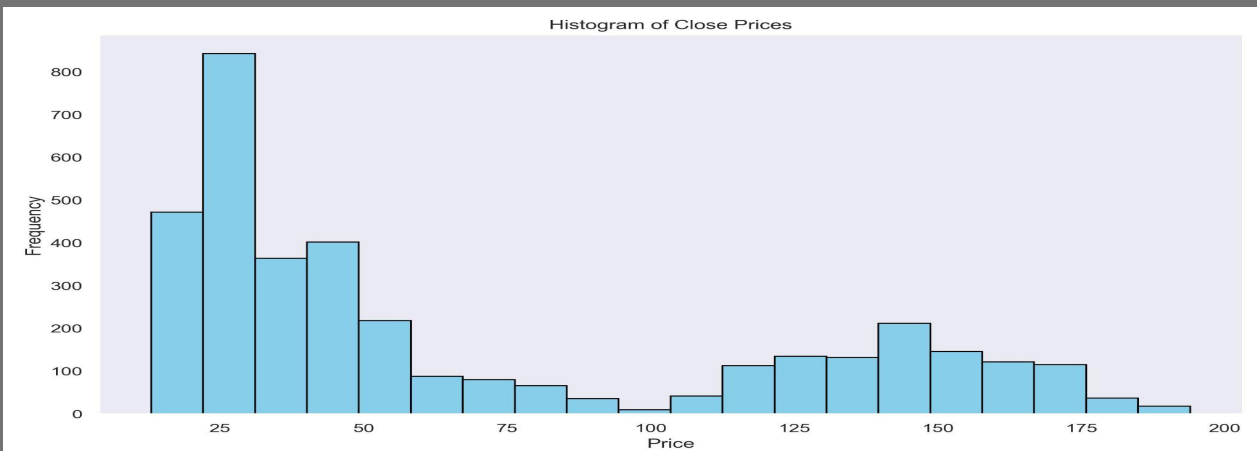
By estimating potential price movements, traders can determine optimal times to buy or sell a stock, maximizing potential profits or minimizing losses.

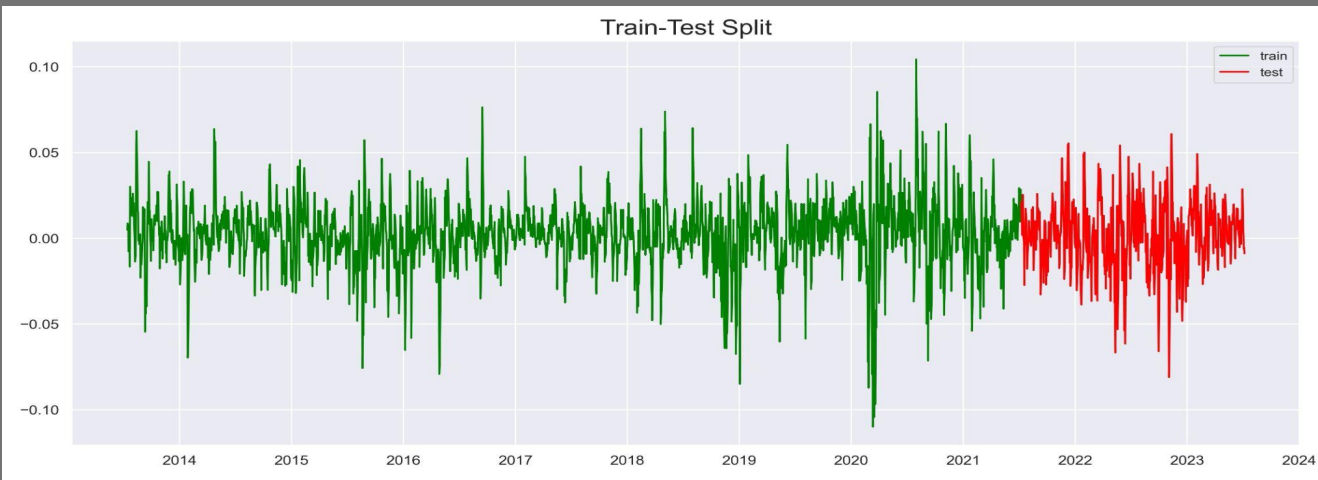
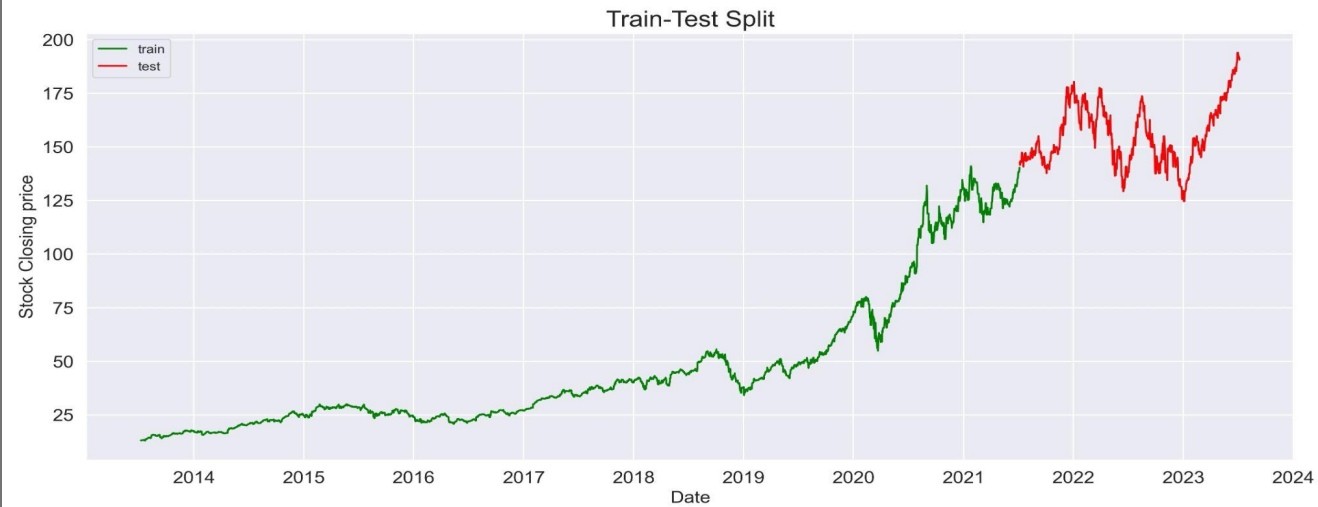
Our Apple stock dataset covers the period from July 9, 2013, to July 7, 2023.

In the 10-year period, the minimum value of AAPL stock adjusted close value was \$13, while the maximum value reached \$193.

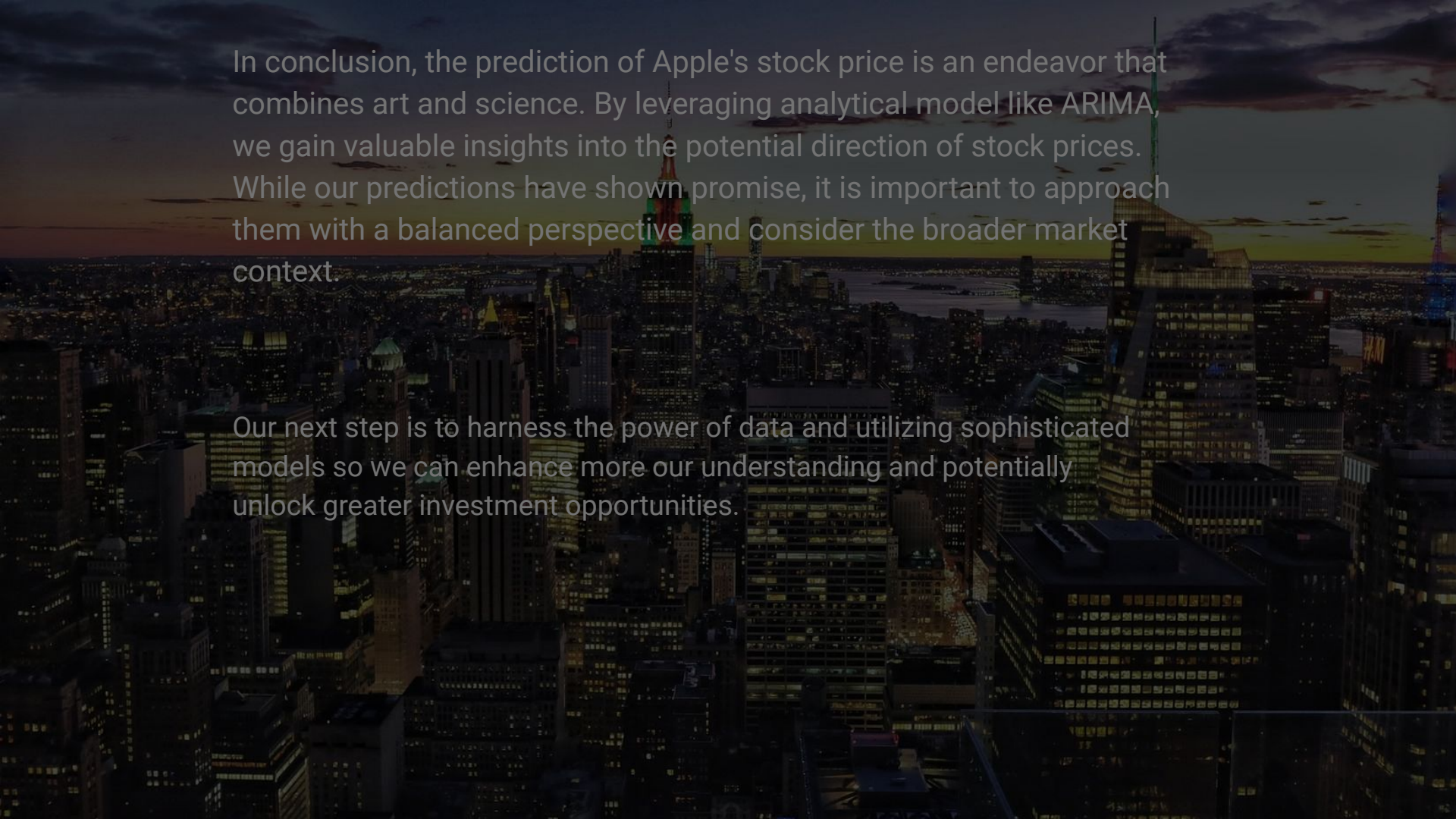
This indicates a significant range of price fluctuations for AAPL stock over that time frame.









An aerial photograph of the New York City skyline at dusk. The image shows a dense cluster of skyscrapers, with the Empire State Building prominently visible in the center. The city lights are beginning to glow, and the sky is a mix of dark blue and orange from the setting sun. The text is overlaid on the upper portion of the image.

In conclusion, the prediction of Apple's stock price is an endeavor that combines art and science. By leveraging analytical model like ARIMA, we gain valuable insights into the potential direction of stock prices. While our predictions have shown promise, it is important to approach them with a balanced perspective and consider the broader market context.

Our next step is to harness the power of data and utilizing sophisticated models so we can enhance more our understanding and potentially unlock greater investment opportunities.

It's important to remember that stock price predictions are not guaranteed to be accurate, and trading always involves risk.



Thank You

