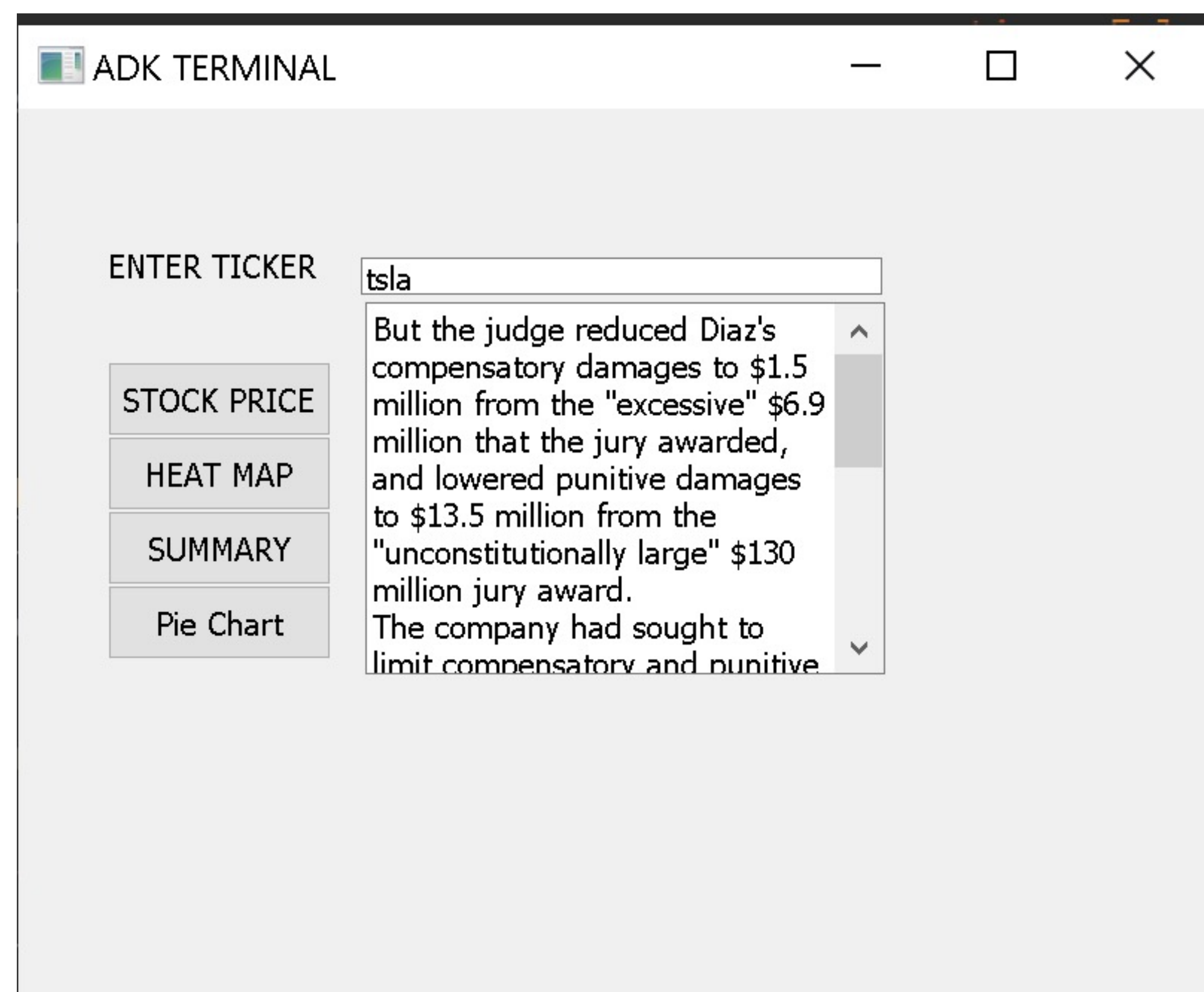


ADK Investment Terminal

Introduction

Our team chose to recreate a classic terminal for investing in publicly trading companies listed on the New York Stock Exchange. Our application receives user input to display financial data and articles and gives feedback on the inputted company.

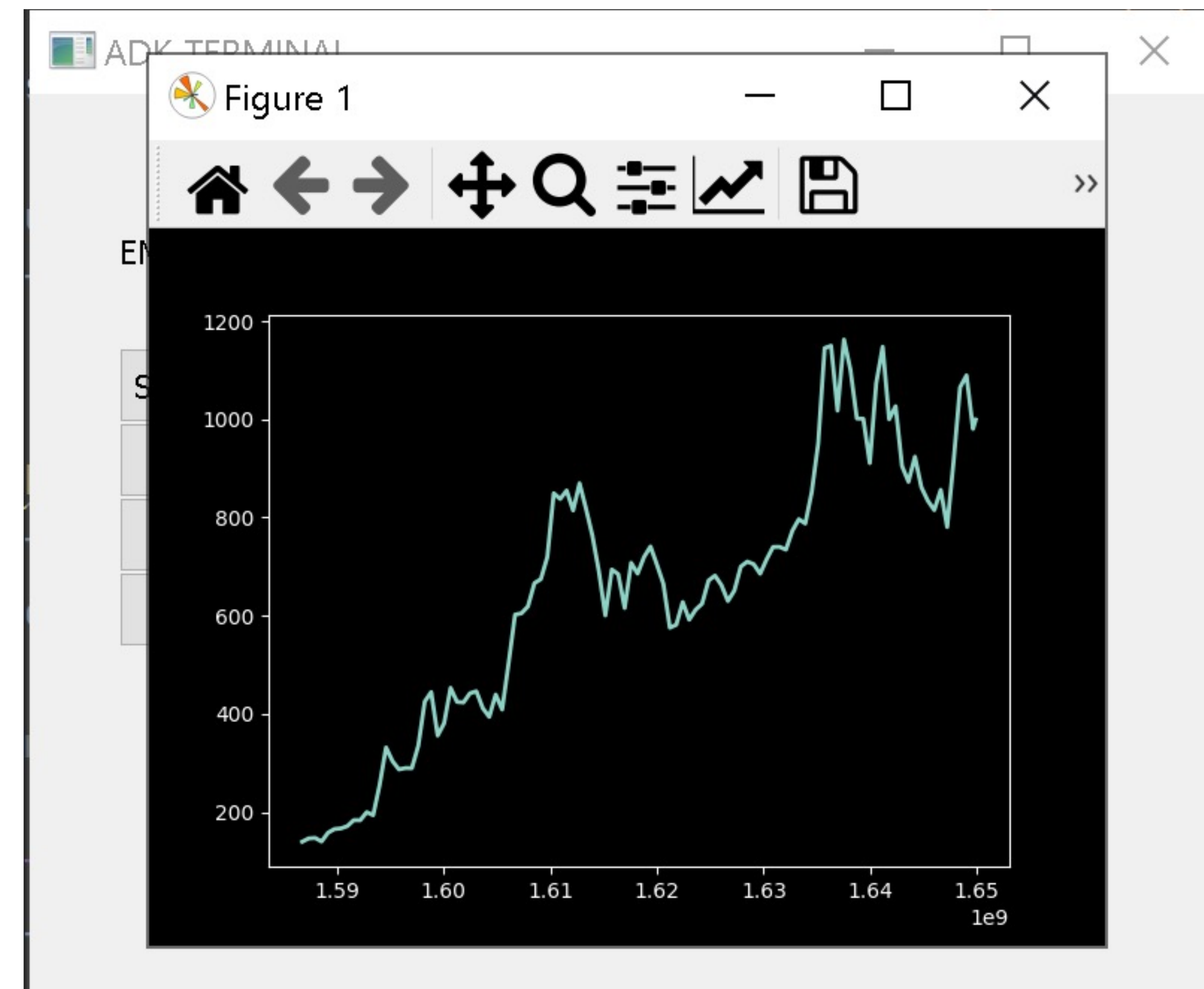
Homepage



The user starts with a search bar labeled “Enter Ticker.” For example, when an electric car and clean energy company, Tesla’s ticker, is entered, the terminal displays any relevant news about the company. The user can scroll through the articles using the scroll bar.

Stock Price

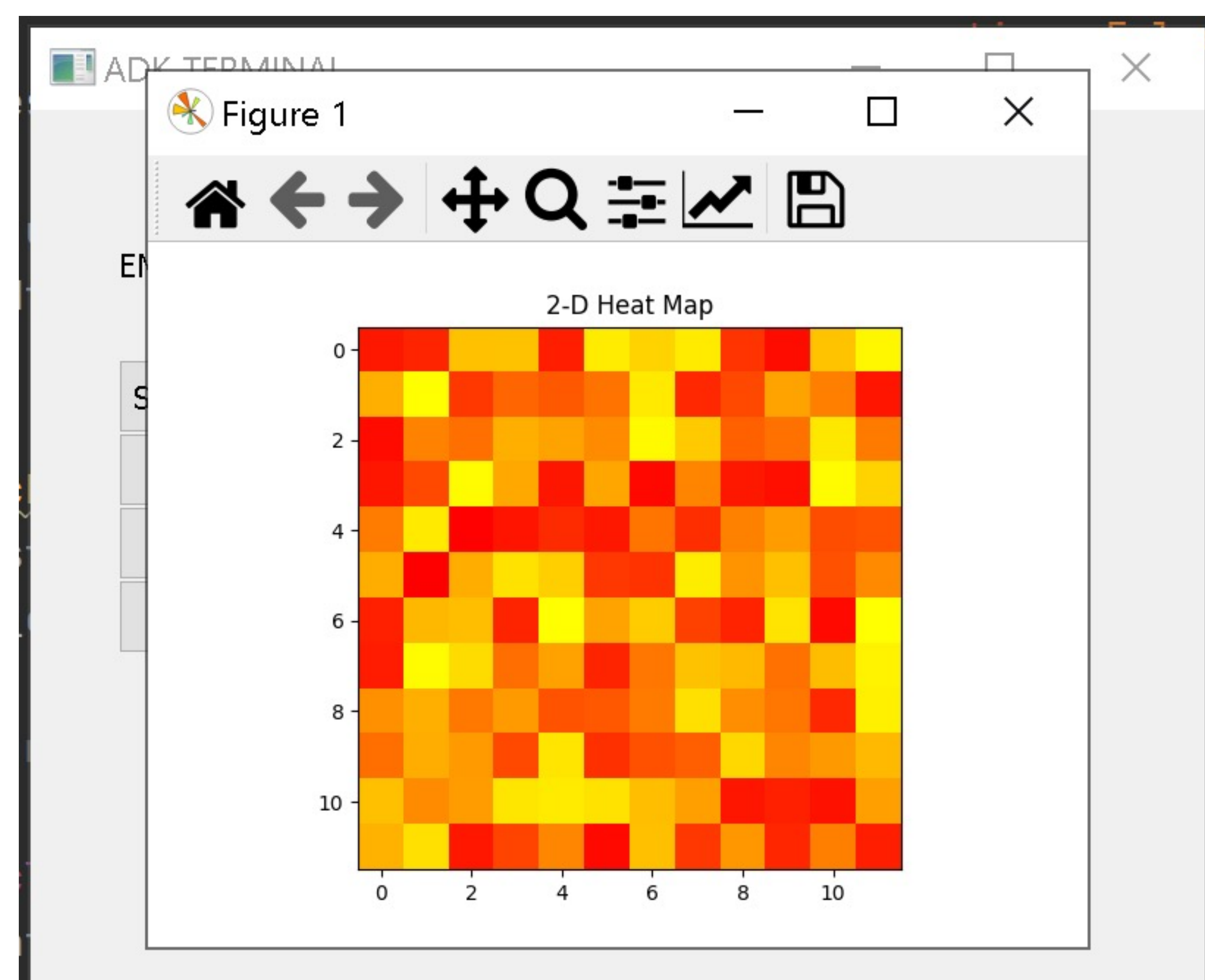
The next tab then displays a line chart of the change in share price over the past five years.



As we can see, Tesla was trading at around \$68.00 five years ago and ultimately reached a current share price of \$985.00.

Heat Map

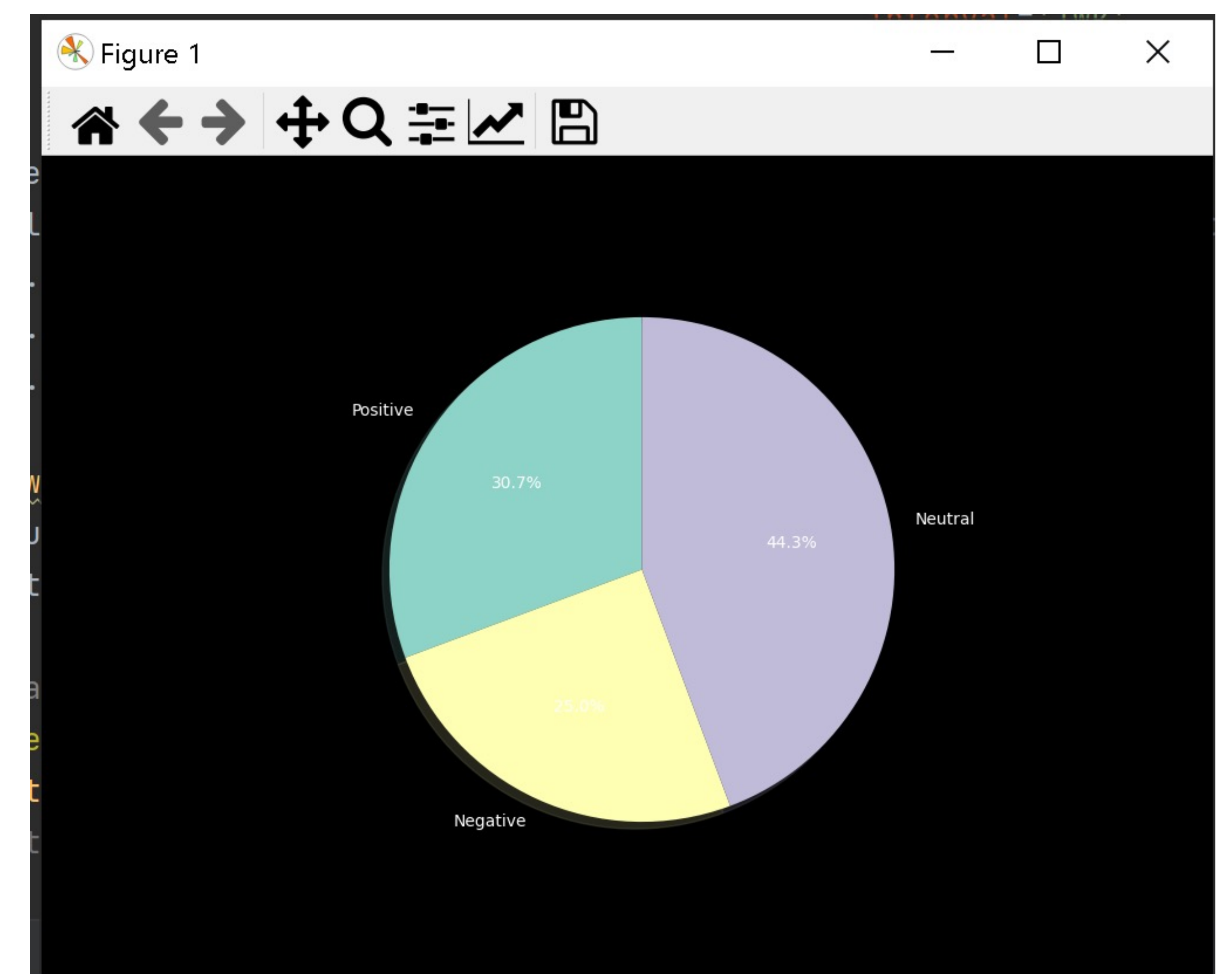
The "Heat Map" tab then compares a company's beta against its earnings before interest, taxes, depreciation, and amortization.



A beta over one indicates that a company has somewhat higher volatility than a beta under one. In comparison, a company's EV/EBITDA value is seen as healthy when they are below ten. Therefore, a company with low beta and EV/EBITDA is seen as a generally healthy investment.

Pie Chart

The final pie chart visualizes articles and their likeliness towards the user input company. These articles were the viewable ones at the start of the search.



Continuing with the example of Tesla, we can see that most news is relatively optimistic about the company. While neither optimistic nor pessimistic information is reported as neutral. The company is still being registered positively.

Conclusion/Recommendation

As a group, we wanted to help people understand financial data and get familiar with many crucial financial market ratios.



UNIVERSITY OF THE PACIFIC
Dalton Coppage
Antonio Barrios
Kunal Babbar