



# **FINANCE STOCK**

**PROJECT 3 - GROUP 1**

# DISCLAIMER

- None of the information provided is intended as financial advise
- Trading caries inherent risk, so it is therefore crucial that you make your own research.

# TABLE OF CONTENT



**01**

Table of  
Content

**02**

Introduction

**03**

The Players

**05**

Coding  
Approach

**06**

Webpage  
demo

**07**

Conclusion

# INTRODUCTION

1

## **Analysis question:**

Historical Stock Price Analysis over 9 months of 5 the biggest technology industry players

2

## **Motivation:**

Provides valuable insights for investors, financial analysts, companies, and for individuals.

3

## **Insights that allows companies:**

- Risk Assessment
- Market Trends
- Portfolio Diversification
- Long-Term Planning
- Investor Confidence

4

## **Insights that allows individuals:**

- Investment Decisions
- Retirement Planning
- Financial Education
- Informed Decision-Making
- Financial Goals



# 5 BIGGEST TECHNOLOGY INDUSTRY PLAYERS

F Forbes

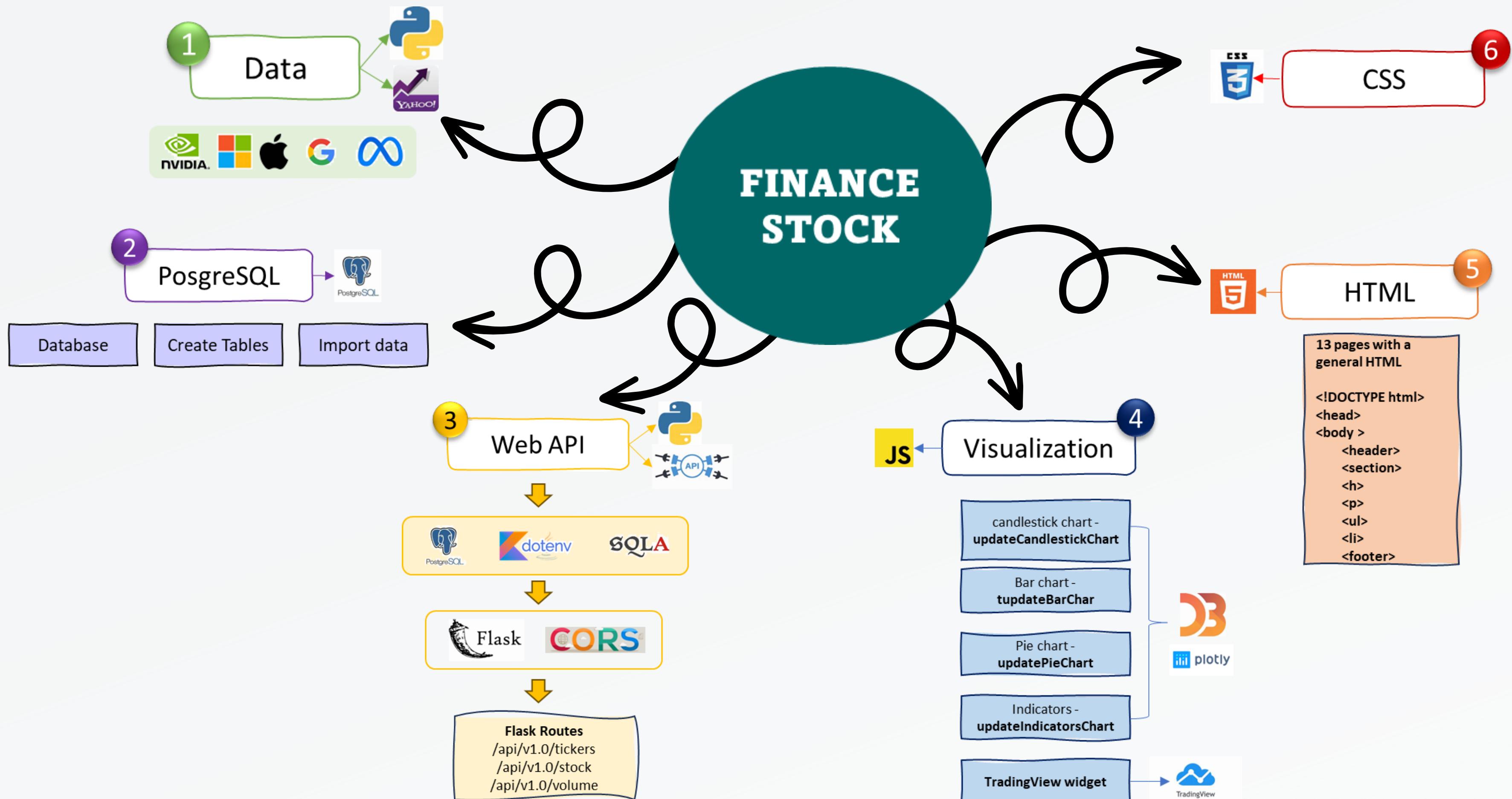
Sales 2022\*      Market Value 2022\*

	Ecosystem of software and hardware	\$378.7 billion	\$2.6 trillion
	Alphabet Inc. Search and Advertising	\$257.5 billion	\$1.6 trillion
	Software industry Cloud Computing: Microsoft Azure	\$184.9 billion	\$2.1 trillion
	Social media	\$117.9 billion	\$499.9 billion
	Graphics processing units (GPUs) and AI technology	\$26.9 billion	\$489.8 billion



\*source: <https://www.forbes.com/sites/jonathanponciano/2022/05/12/the-worlds-largest-technology-companies-in-2022-apple-still-dominates-as-brutal-market-selloff-wipes-trillions-in-market-value/?sh=13fb2c773448>

# CODING APPROACH



## VIZUALIZATION - FINANCE



# CONCLUSION

## Lesson learned:

- Technology industry is a rapid growing sector.
- There is benefit from technological innovation.
- Several chart and indicators can be found online and through API such as the Trading view tool.

## High trading volume:

- Many buyers and sellers willing to trade.
- Greater confidence in trade execution and liquidity.