Netflix Stock Market Analysis Dashboard Project

About Netflix:-

- Netflix is an American subscription-based streaming service, offering a vast library of original and acquired films and television shows across diverse genres.

- Functioning as an over-the-top (OTT) platform, it delivers content on-demand to a global audience in multiple languages.

- With its extensive international availability, Netflix has become a prominent player in the ever-evolving landscape of digital entertainment.

NETFLIX

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Vision And Mission Of Project

Vision Of Project-

The vision of this project is to become a go-to resource for individuals and entities interested in gaining a deep understanding of Netflix's stock market dynamics.

Mission Of Project-

Our mission is to equip investors with in-depth insights into Netflix's market dynamics, facilitating informed decision-making in the ever-evolving streaming industry. Through meticulous research and data-driven analysis, we seek to identify opportunities, mitigate risks, and enhance comprehension of Netflix's financial path.

Tools Use

Power BI

Power BI is a powerful business analytics tool by Microsoft. It provides interactive visualizations and self-service business intelligence capabilities.

Excel

Microsoft Excel is a spreadsheet program collection of columns and rows that form a table to organize, analyze, and manipulate data using spreadsheets. With its user-friendly interface and powerful functionalities.

Data Information

There are 11 column are available that are below mention

1. Date
2. Day
3. Month
4. Quarter
5. Year
6. Opening Price
7. Closing Price
8. Highest Price
9. Lowest Price
10. Adj Close
11. Volume

Learning Outcome

Data Expansion

Use the Excel functions Day, Month, , Quarterly and Yearly.

Visualization

Use of bar chart, line chart, slicer, and table
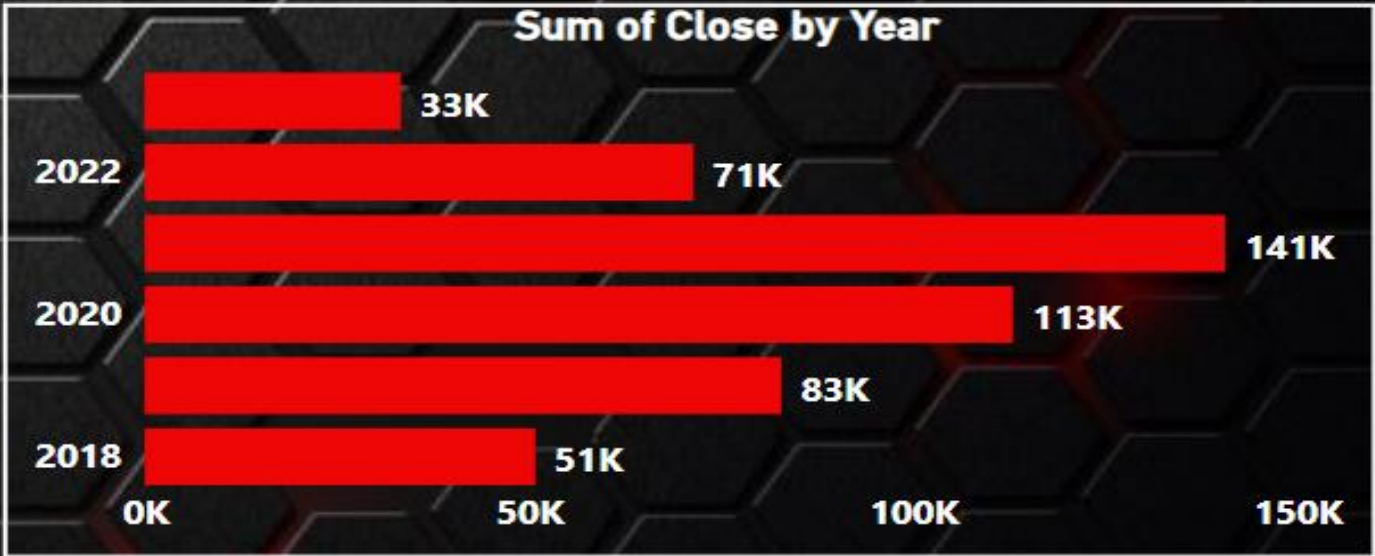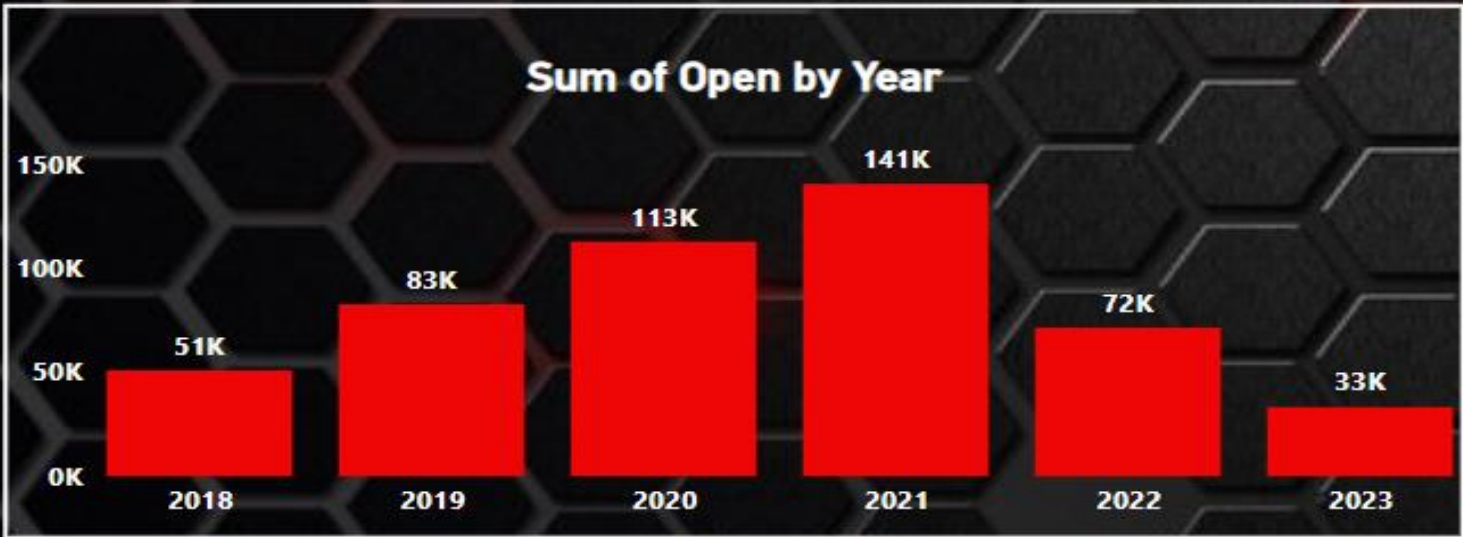
Report Generation

Created dashboards, styles, and reports in Power BI Desktop

Dashboard Analysis

	QUARTER					OPEN	CLOSE	HIGH	CLOSE
Q0	Q1	Q2	Q3	Q4		492.19K	492.22K	500.00K	484.08K

NETFLIX

Sum of High by Year

- 2021
- 2020
- 2019
- 2022
- 2018
- 2023

142.41K
114.94K
83.92K
73.03K
51.89K
33.81K

Sum of Low by Year

- 2021
- 2020
- 2019
- 2022
- 2018
- 2023

139K
110.91K
81.67K
69.86K
49.86K
32.79K

Sum of Open by Year

Year	Value
2018	51K
2019	83K
2020	113K
2021	141K
2022	72K
2023	33K

Sum of Close by Year

Year	Value
2022	33K
	71K
	141K
2020	113K
	83K
2018	51K
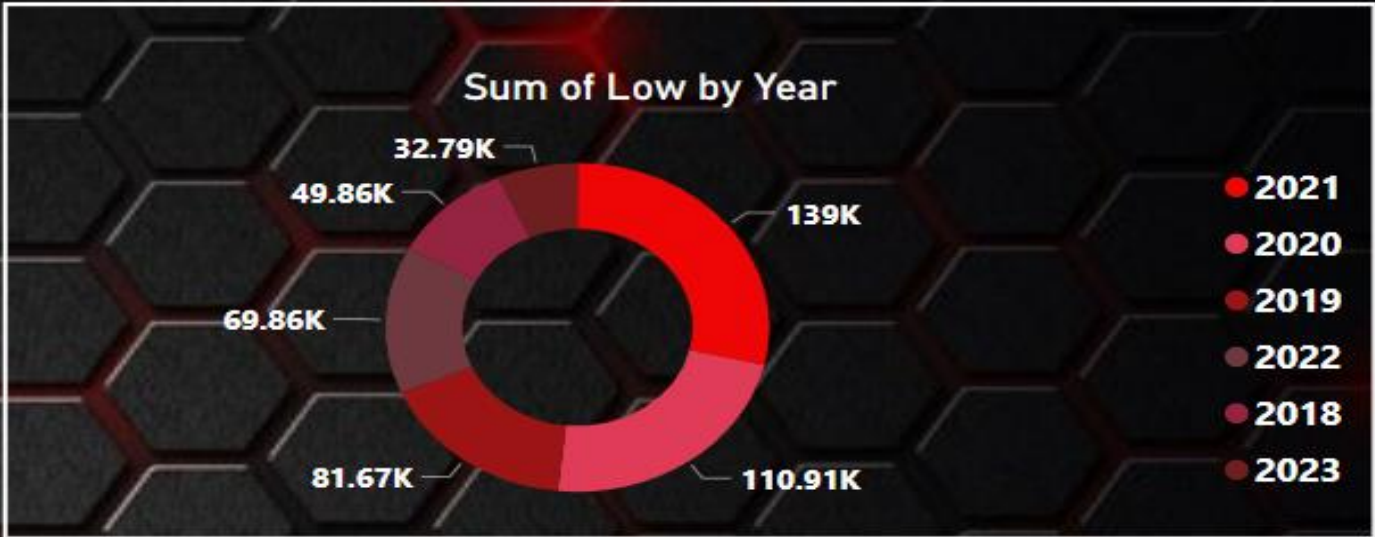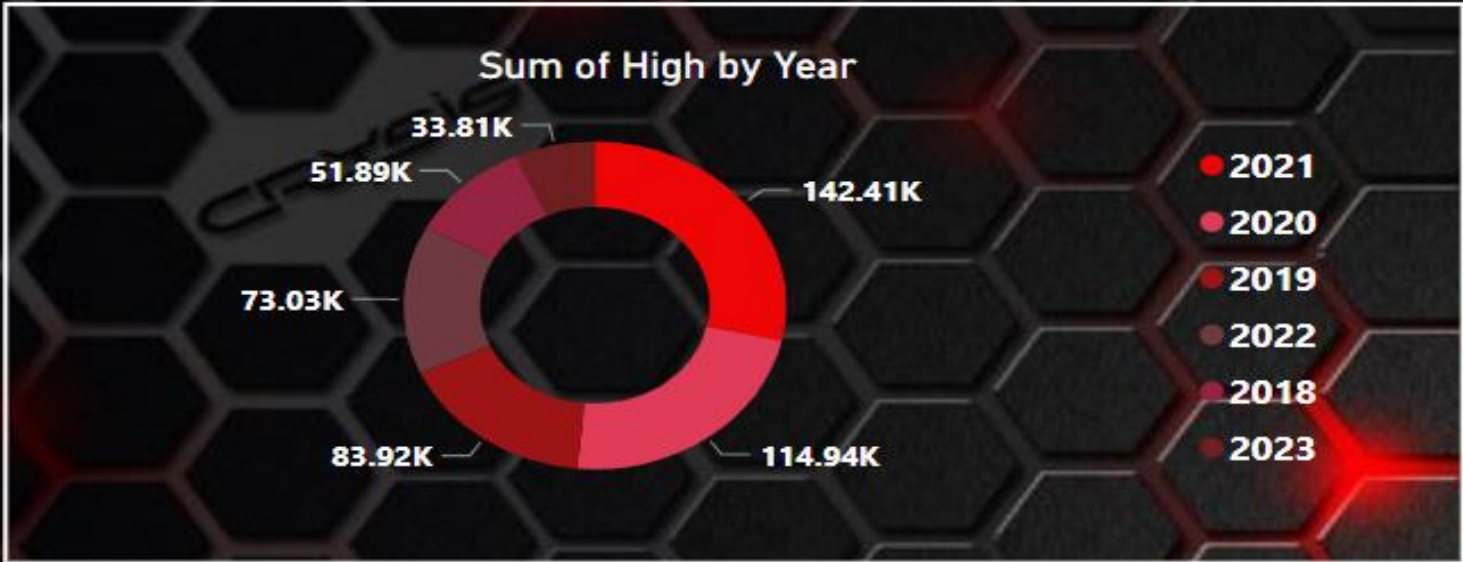
Dashboard Analysis

Sum of Close, Open, Low and High by Day

● Sum of Close ● Sum of Open ● Sum of Low ● Sum of High

	Tuesday	Wednesday	Thursday	Friday	Monday
	103.1K	102.5K	101.4K	99.0K	94.0K
	101.6K	100.8K	99.9K	97.4K	92.5K
	100.0K	100.8K	98.1K	97.7K	90.9K
	101.5K	99.0K	99.7K	96.0K	92.6K
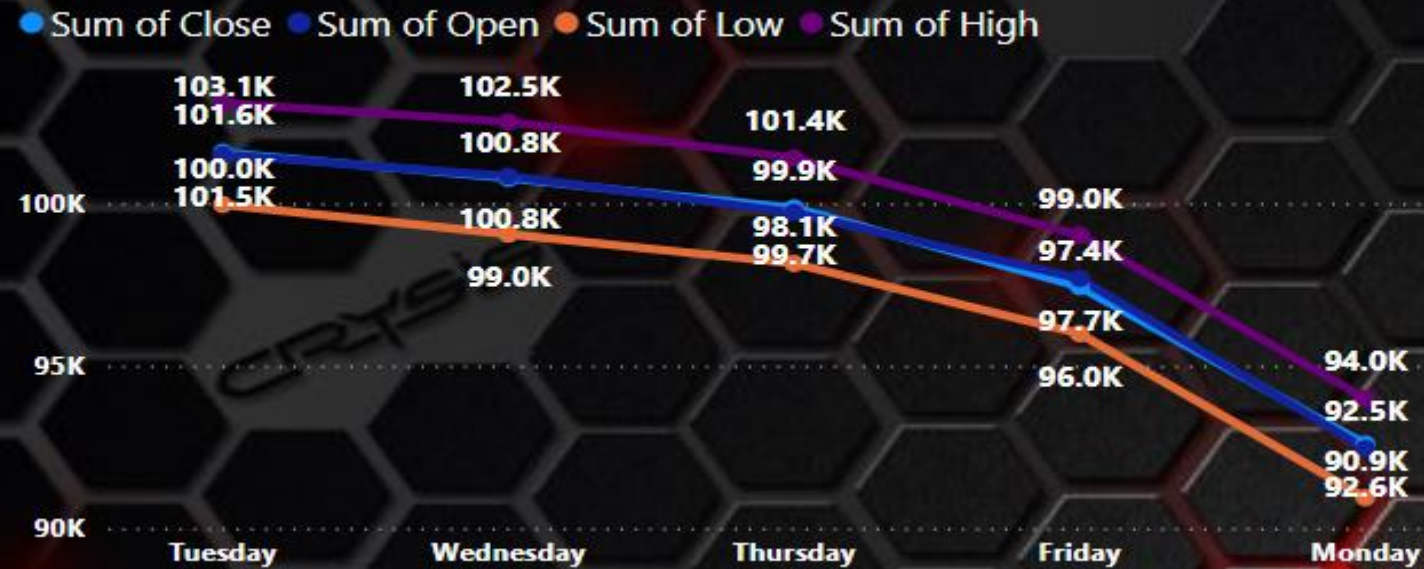
Sum of Close, Open, Low and High by Month

● Sum of Close ● Sum of Open ● Sum of Low ● Sum of High

44.3K 43.5K 43.7K 42.8K 42.7K 42.2K 41.8K 41.8K 40.4K 40.2K 39.8K 39.7K
42.9K 42.8K 42.1K 41.0K 39.7K 39.5K 38.5K
42.0K 41.7K 41.8K 41.1K 40.5K 40.2K 39.8K 39.7K 38.5K 38.0K

October, March, December, August, July, November, January, September, June, April, February, May

Sum of Close, Open, Low and High by Quarter

● Sum of Close ● Sum of Open ● Sum of Low ● Sum of High

	Q3	Q1	Q2	Q4	Q0
	127K	121K	120K	85K	40K
	123K	119K	121K	86K	40K
	127K	121K	118K	83K	
	121K	119K		85K	

Sum of Close, Open, Low and High by Year

● Sum of Close ● Sum of Open ● Sum of Low ● Sum of High

	2018	2019	2020	2021	2022	2023
	51K	84K	115K	142K	73K	33K
		83K	113K	141K	72K	
		83K	113K	141K	71K	
		82K	111K	139K	70K	
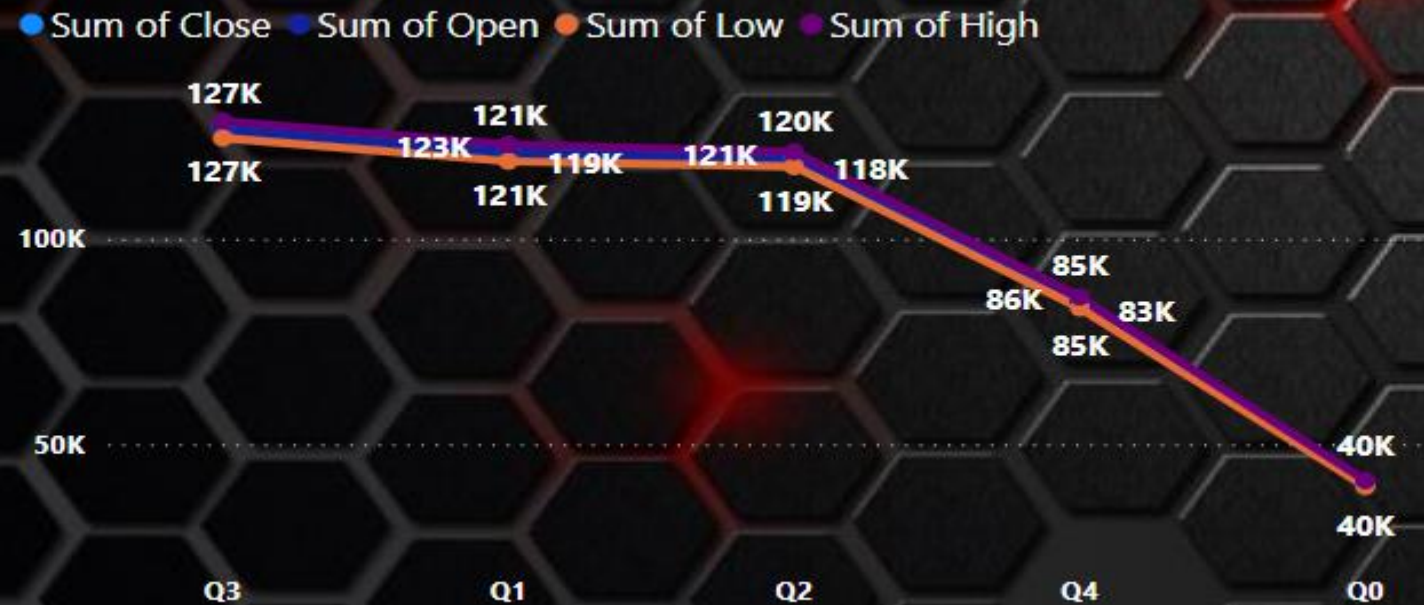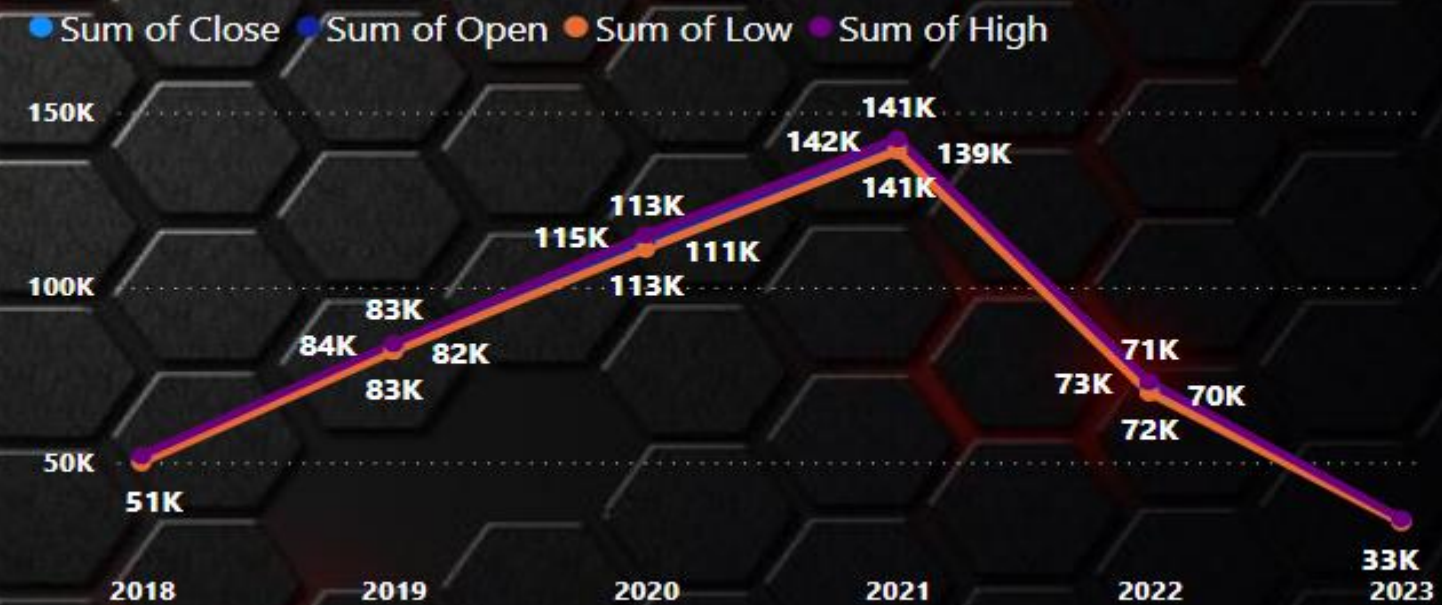
Dashboard Analysis

Year	Quarter	Month	Day	Sum of Open	Sum of Close	Sum of High	Sum of Low
2018	Qtr 2	May	29	351.50	349.73	356.10	346.71
2018	Qtr 2	May	30	352.37	353.54	354.00	349.26
2018	Qtr 2	May	31	353.80	351.60	355.53	350.21
2018	Qtr 2	June	1	353.88	359.93	359.99	352.82
2018	Qtr 2	June	4	362.68	361.81	363.00	355.51
2018	Qtr 2	June	5	363.32	365.80	369.83	361.41
2018	Qtr 2	June	6	367.78	367.45	369.68	363.33
2018	Qtr 2	June	7	368.54	361.40	368.70	357.80
2018	Qtr 2	June	8	358.06	360.57	362.39	356.25
2018	Qtr 2	June	11	361.88	361.45	365.67	360.91
2018	Qtr 2	June	12	363.60	363.83	365.98	362.00
2018	Qtr 2	June	13	367.53	379.93	384.25	364.11
2018	Qtr 2	June	14	384.27	392.87	395.03	383.25
2018	Qtr 2	June	15	390.71	391.98	398.86	387.51
2018	Qtr 2	June	18	387.72	390.40	393.16	386.50
2018	Qtr 2	June	19	389.50	404.98	405.29	388.50
2018	Qtr 2	June	20	415.15	416.76	419.47	409.60
2018	Qtr 2	June	21	421.38	415.44	423.21	406.37
2018	Qtr 2	June	22	419.98	411.09	420.50	409.65
2018	Qtr 2	June	25	404.69	384.48	405.99	378.75
2018	Qtr 2	June	26	393.28	390.30	404.78	389.05
Total				4,92,189.49	4,92,215.36	5,00,003.07	4,84,081.93

Reveal the key insights and narratives concealed within the data

- Donut chart visualizes the sum of high and low price of year of stock which is in year 2021 .

- Bar chart visualizes the sum of open 141k and close 33k by year price of stock.

- Title chart visualizes the four quarter of the year.

- Card chart visualizes the overall high, low, open & close price of the stock .

- line chart visualizes the sum of Day, Month, Quarter and yearly performance of stock price over time.

- The table represented the overall dataset

Conclusion

In conclusion, our stock price prediction project indicates a favorable trajectory for future investment, supported by robust data analysis and market trends. However, it's crucial to recognize the inherent uncertainties in the stock market, and decisions should be made with careful consideration of potential risks.