

# **Report Summary Stock and Commodities (Finance) Project**

The analysis in this report consists of seven sections

## **1. Analysis 1: Comparison Of Top 18 Financial Instruments By Average Volume**

- This analysis looks at the top 18 performing financial instruments overall. The report is represented by a clustered bar chart with green and red color complimenting each other that also represents the 18 various financial instruments.

## **2. Analysis 2: Comparison Of Top Performing Financial Instruments By Price Each Year**

- This analysis looks at the top performing financial instruments by price each year from 2020 to 2024. The report is represented by a clustered column chart with 4 different colors representing a specific year. This is a vital analysis to be considered as performance of price on a financial instrument is a fundamental factor that influences investment decisions, overall market behavior, risk assessment and valuation.

## **3. Analysis 3: Comparison of Top Performing Financial Instruments By Price Each Month During Year 2020 when Covid 19 occurred.**

- This analysis looks at the top performing financial instruments by price each month during the start of the Covid 19 pandemic year 2020. The report is represented by a pie chart with 4 different colors that represent a specific financial instrument.

## **4. Analysis 4: Comparison of Top Performing Financial Instruments By Volume Each Year**

- This analysis looks at the top performing financial instruments by volume each year from 2020 to 2024. The report is represented by a line chart with 4 different colors representing a specific year. This is a vital analysis to be considered as performance of volume on a financial instrument is a fundamental factor that influences market sentiment, risk assessment and price movement in general whether price is strong or weak.

## **5. Analysis 5 : Comparison of Top performing financial instruments by volume each month during Year 2020 when covid 19 occurred.**

- This analysis looks at the top performing financial instruments by volume each month during the start of the Covid 19 pandemic year 2020. The report is represented by a donut chart with 4 different colors that represent a specific financial instrument.

## **6. Analysis 6: Comparison of Financial Instruments With the Highest Volume Total Per Year**

- This analysis looks at the financial instruments with the highest volume total per year from 2020 to 2024. The report is represented by a table chart with colors light green and grey complimenting each other.

## **7. Analysis 7: Comparison of Financial Instrument With the Lowest Volume Total Per Year**

- This analysis looks at the financial instruments with the lowest volume total per year from 2020 to 2024. The report is represented by a table chart with colors light red and grey complimenting each other.

## Key Inferences

### ***Analysis 1: Top 10 Financial Instruments By Average Volume***

- Nasdaq 100 has the highest trading volume with an average of 244,973,800.00
- Tesla at second with an average volume of 145,998,500.00
- Third, Apple Stock with an average trading volume of 105,234,000.00
- Fourth, Amazon with an average trading volume of 75,985,280.00
- Fifth, Nvidia with an average trading volume of 50,020,760.00
- Sixth, Google with an average trading volume of 35,320,490.00
- Seventh, Microsoft with an average trading volume of 31,697,710.00
- Eighth, Bitcoin with an average trading volume of 22,616,910.00
- Ninth, Netflix with an average trading volume of 7,622,429.00
- Tenth, Ethereum with an average trading volume of 5,729,534.00

### ***Analysis 2: Top Performing Financial Instruments By Price Each Year (2020-2024)***

- Year: 2020

Berkshire Hathaway: Berkshire Hathaway is the top performing financial instrument in terms of Price with an average Price of 302,892.56 for 2020.

Bitcoin: Second is Bitcoin with an average Price of 17,022.12 . Considering the cryptocurrency boom start in 2020, the context behind Bitcoin being a top performing financial instrument in terms of price is understandable.

Nasdaq 100 : Third is Nasdaq 100 with an average Price of 10,062.20

S&P 500 :

- Year : 2021

Berkshire Hathaway: Berkshire Hathaway is the top performing financial instrument in terms of Price with an average Price of 428,631.19 for 2020.

Bitcoin : Second is Bitcoin with an average Price of 48,157.03 .

Nasdaq 100: Third is Nasdaq 100 with an average Price of 14,683.74

S&P 500 :

- Year 2022

Berkshire Hathaway: Berkshire Hathaway is the top performing in terms of Price with an average Price of 448,317.11 for 2022.

Bitcoin: Second is Bitcoin with an average Price of 26,359.55

Nasdaq 100: Third is Nasdaq 100 with an average Price of 10,136.60

S&P 500 :

- Year 2023

Berkshire Hathaway : Berkshire is the top performing financial instrument in terms of Price with an average Price of 518,322.74 for 2023.

Bitcoin : Second is Bitcoin with an average Price of 29,937.52

Nasdaq 100 : Third is Nasdaq with an average Price of 12,508.67

S&P 500 :

- Year 2024

Berkshire Hathaway : Berkshire is the top performing in terms of Price with an average Price of 563,110.61 for 2024

Bitcoin : Second is Bitcoin with an average Price of 43,053.65

Nasdaq 100: Third is Nasdaq with an average Price of 15,591.37

S&P 500 :

### ***Analysis 3: Top Four performing financial instruments By Price Each Month During Year 2020 (Covid 19)***

Berkshire Hathaway: Berkshire Hathaway is the top performing financial instrument by price for each month in the Year 2020 during the start of the covid pandemic. The overall Price value for the stock came in at 5,027,440.65

Bitcoin: Second is Bitcoin, with an overall price value for each month during the year 2020 of 294,762.47. This significant price boom during the covid pandemic was due to multiple factors such as growing retail interest, institution investment interest, macro trends favoring digital assets and global economic uncertainty making Bitcoin a good investment option.

Nasdaq 100 : Following in third is Nasdaq, the overall price value is 151,232.53 for different months during the year 2020.

S&P 500 : Last but not least is the S&P 500 with an overall price of 46,563.24 during the various months of the year 2020.

#### ***Analysis 4 : Top Performing Financial Instruments By Volume Each Year From 2020 – 2024***

Year 2020:

- 1.) Nasdaq 100 : Nasdaq is the highest performing financial instrument by volume in 2020 with an overall trading volume of 201553600
- 2.) Tesla : Tesla is second with an overall volume of 62065520
- 3.) Amazon : Third is Amazon with an overall volume of 103143400
- 4.) Apple : Apple comes in at Forth with an overall volume of 57986960

Year 2021:

- 1.) Nasdaq 100: Nasdaq is the highest performing financial instrument by volume in 2021 with an overall trading volume of 224336700
- 2.) Apple: Apple is second with an overall volume of 164477600
- 3.) Tesla: Third is Tesla with an overall volume of 82575780
- 4.) Amazon: Amazon comes in at Forth with an overall volume of 59025520

Year 2022:

- 1.) Nasdaq 100 is the highest performing financial instrument by volume in 2022 with an overall trading volume of 257306600
- 2.) Tesla is second with an overall volume of 109728700
- 3.) Apple is third with an overall volume of 94412070
- 4.) Amazon comes in forth with an overall volume of 72825710

Year 2023:

- 1.) Nasdaq 100 is the highest performing financial instrument by volume in 2023 with an overall trading volume of 272579300
- 2.) Tesla follows with an overall volume of 230883500

Year 2024:

- 1.) Nasdaq is currently the highest performing financial instrument by volume in 2024 with an overall volume of 252804800
- 2.) Tesla is second currently with an overall volume of 131674600
- 3.) Third is Apple currently with an overall volume of 87605530

#### ***Analysis 5 : Top Performing Financial Instruments By Volume Each Month During Year 2020***

- 1.) Nasdaq is the highest performing financial instrument by volume for various months during the year 2020 with a overall volume of 247,098,283.06
- 2.) Tesla is second with an overall volume of 152,735,664.72 for each month during 2020
- 3.) Third is Apple with an overall volume of 107,214,865.38 over various months during 2020
- 4.) Amazon comes in forth with an overall volume of 107,214,865.38 over various months during 2020.

Analysis 7 : Optional