

REPORT:

The cumulative return for the cryptocurrency shows that Binance coin (BNB-USD) has the highest returns of **7,100%** for the entire period followed by Bitcoin (BTC-USD) **389%**, then Ethereum (ETH-USD) **314%** while Cardano (ADA-USD) and Ripple XRP(XRP-USD) returns decreased by **-29%** and **-77%** respectively. The cumulative returns for the US technology stocks shows that Nvidia (NVDA) has the highest returns of **1,512 %** for the entire period followed by Microsoft (MSFT) **400%**, then Apple Inc (AAPL) **307%** while Amazon (AMZN) and Google (GOOG) returns are **198%** and **197%** respectively. The S&P500 (^GSPC) has cumulative return of **86%** for the entire period which is lower than the US technology stocks.

The descriptive statistics for major cryptocurrencies returns and US technology returns are shown above in *Table 4 above*. Generally, the returns growth rates for the cryptocurrency BNB-USD appears to be the most elastic with a standard deviation of **21.5** followed by NVDA stock with standard deviation of **3.60**, meaning that they both fluctuate to a higher degree than the S&P 500(^GSPC) returns, the standard deviation of S&P 500 is **0.28**. From the descriptive statistics, it shows that the cryptocurrency BNB-USD is the most volatile cryptocurrency throughout the period while NVDA is the most volatile stock for the period. For the cryptocurrency, XRP-USD and ADA-USD witnessed the highest decline of **-77%** and **-29%** respectively.