**Project: Cryptocurrency Analysis**

**ABOUT THE PROJECT**

I analyzed and carried out an analysis on a fictional dataset of all popular cryptocurrencies provided by the “End-to-End” YouTube Channel

**TOOLS USED**

Excel

Power BI

**DATASET OVERVIEW**

The dataset consists of the performance of the 7 most popular cryptocurrencies namely Binance, Bitcoin, Dogecoin, Ethereum, NEM, Stellar, and XRP for 9 years from 2013 – 2021.

**DATA PREPARATION**

I downloaded a copy of the dataset from the channel’s description. Once done, I created a copy of the original Excel file and explored the dataset.

I needed to answer the following business questions:

1. What is the market cap of all 7 cryptocurrencies combined?
2. Detailed Information on each cryptocurrency related to their Volume, High, Average, and Low.
3. Forecast of each cryptocurrency.

Once done with exploring the data, I imported the file into the Power BI Power Query editor for data cleaning and transformation.

**DATA CLEANING**

1. Removed irrelevant columns
2. Made 1st row as headers
3. Changed the datatype of all required columns
4. Removed errors that sprang up after changing data type (Errors are those which were not of date type)

**DATA ANALYSIS**

Analysis was done in Power BI Desktop related to the detailed performance of each cryptocurrency.

The results of the analysis are shown in the report and seek to answer the aforementioned business questions.

**FINDINGS**

1. The total market cap of the cryptocurrency is $504T.
2. Bitcoin is the most popular of all cryptocurrencies and has a market share of over 70% and a market cap of $360T. Next is Ethereum with an 18% share and XRP stands 3rd with 5.5%.
3. The forecast of each cryptocurrency looks encouraging, esp. Bitcoin.

**RECOMMENDATIONS**

Based on my findings, I would recommend that any new investor:

1. Cryptocurrency has grown significantly in recent years, with a market cap of over $2 trillion as of April 2021. The market has grown over 900% since the beginning of 2020, indicating its potential as a financial asset for the future.
2. Bitcoin, Ethereum, and XRP are popular cryptocurrencies with significant investment potential. However, the market share of individual cryptocurrencies can vary greatly, due to market volatility.
3. Based on the forecast, the opportunity surely looks encouraging for anyone planning to invest.