**BTC 2017 DATASET REPORT**

**1.Dataset Overview**

This report provides analysis of a bitcoin dataset containing historical bitcoin trading data of the year 2017.Each record includes information such as the BTC Volume, USD Volume ,Open Price, Close price, Highest Price, Lowest Price, Profit/Loss Margin.

The Dataset file name is BTC 2017.csv.

**2.Data Fields**

The dataset consists of the following columns:

* Date: The trading time
* Open: The opening price of the dataset on the given date.
* High: The highest of the market that date.
* Low: The lowest price the market reached that date.
* Close: The closing price of the market.
* Volume BTC:
* Volume USD:

**3. Data Cleaning**

The data set was cleaned using ms excel, the cleaning process are as follows;

* The column containing the unit of the dataset(BTC\_USD) was deleted.
* I checked for duplicates.
* Ensured that all price columns were in decimal format.

**4.Summary Statistics**

Basic statistical summaries were derived for key columns:

* Profit/loss Margin
* The opening price for the first day of each month.
* The closing price for the last day of each month.
* The average volume of BTC and USD sold over time.

**5. Sample Analytical Questions**

1. The maximum high and opening price for each month.
2. The minimun low and closing price for each month.
3. Which month has the highest and lowest profit.

**6.Conclusion**

The data set provides insights into the bitcoin market over the year 2017.

With appropriate cleaning and transformation it can help with risk management and trading strategies