**Team Bitcoin – CodeBook for Attrition Dataset**

## Our Team

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# Data Overview

## Credentials

We choose to take updated data from an investment site where we search the history of bitcoin from its origin in 18/7/2010

https://il.investing.com/crypto/bitcoin/historical-data

## Business goal

This data was collected to answer the question:

Can we predict that if and when Bitcoin is becoming risk?

Comparing the search in google trends of "bitcoin" to the volatility & volume of the actual stock? Is there a linear relation?

Where is the trend set first? USA?

Finding anomalies that could affect the value of the coin and through it predict future changes?

## Data description

This data set is a data frame of 7 variables over 3049 rows. Each row represents an day in the exchange of BTC.

# Variables description

|  |  |  |  |
| --- | --- | --- | --- |
| Variable Name | Description | Type | Possible values |
| Date | Level of satisfaction (0-1) | Date | Date/Time |
| Rate | Value of the BTC (in Dollars) | Float |  |
| Open Rate | Opening Rate of the BTC (in Dollars) | Integer |  |
| Close Rate | Closing Rate of the BTC (in Dollars) | Integer |  |
| High | Highest rate of the BTC (in Dollars) | Integer |  |
| Low | Lowest rate of the BTC (in Dollars) | Integer |  |
| Volume | Amount of money transferred in the exchange (in Dollars) | Integer |  |
| Change | The difference between the High & Low that day | Float |  |