

Report for Microsoft-Stock

1. Dataset Introduction

This is a reduced version of Microsoft's Stock from Yahoo Finance!

Date: Date of stock information.

Open: Opening price.

High: Highest price.

Low: Lowest price.

Close: Closing price.

Adj Close: Closing price after adjustments for all applicable splits and dividend distributions.

Volume: Amount of stock.

Data source: <https://www.kaggle.com/datasets/pauldavidjarvis/microsoft-stock>

2. Descriptive Statistics

| | Open | High | Low | Close | Adj Close | Volume |
|-------|------------|------------|------------|------------|------------|--------------|
| count | 20.000000 | 20.000000 | 20.000000 | 20.000000 | 20.000000 | 2.000000e+01 |
| mean | 178.607500 | 180.567000 | 176.232999 | 178.801500 | 178.412678 | 3.762850e+07 |
| std | 8.676754 | 8.279787 | 8.306955 | 8.003239 | 8.006061 | 1.109255e+07 |
| min | 161.149994 | 163.380005 | 160.199997 | 162.279999 | 161.837952 | 2.314950e+07 |
| 25% | 171.765003 | 174.387501 | 170.194996 | 172.307499 | 171.954518 | 3.011120e+07 |
| 50% | 182.965004 | 184.010002 | 179.235001 | 181.875000 | 181.379586 | 3.557005e+07 |
| 75% | 184.417500 | 186.484997 | 182.704994 | 184.507503 | 184.260147 | 4.115545e+07 |
| max | 190.649994 | 190.699997 | 186.470001 | 188.699997 | 188.185989 | 6.831110e+07 |

3. Data Visualization

