**SVKM’s NARSEE MONJEE INSTITUTE OF MANAGEMENT STUDIES**

# MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT AND

# ENGINEERING

# A REPORT ON

# Microsoft Analysis

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COURSE: B(TECH.) COMPUTER ENGINEERING

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**Problem Statement**

To transform, clean, summarize, extract, explore and visulaize the imdb data set on top 1000 movies from the year(1980- 2015). These above mentioned process are done using runtime , ratings and meta score columns of imdb movie database.

Data Cleaning and Transformation

Summary And Head operation on Dataset

Data Extraction

Data filter

Data Exploration and Visualization

**Background of the Project Topic**

Microsoft Analysis of their stocks

**Dataset Description**

Data:

* Date: Date of opening & Closing of stock.
* Open: Opening price of the stock.
* High: Highest price the stock has reached that day.
* Low: Lowest price the stock has reached that day.
* Close: Closing price of the stock.
* Adj.Close: Modified closing price based on corporate actions
* Volume: Amount of stocks sold in a day

**Software Tool Used:**

R studios

**Business Scenario:**

To transform, clean, summarize, extract, explore and visulaize the imdb data set on top 1000 movies from the year(1980- 2015). These above mentioned process are done using runtime , ratings and meta score columns of imdb movie database.

Data Cleaning and Transformation

Summary And Head operation on Dataset

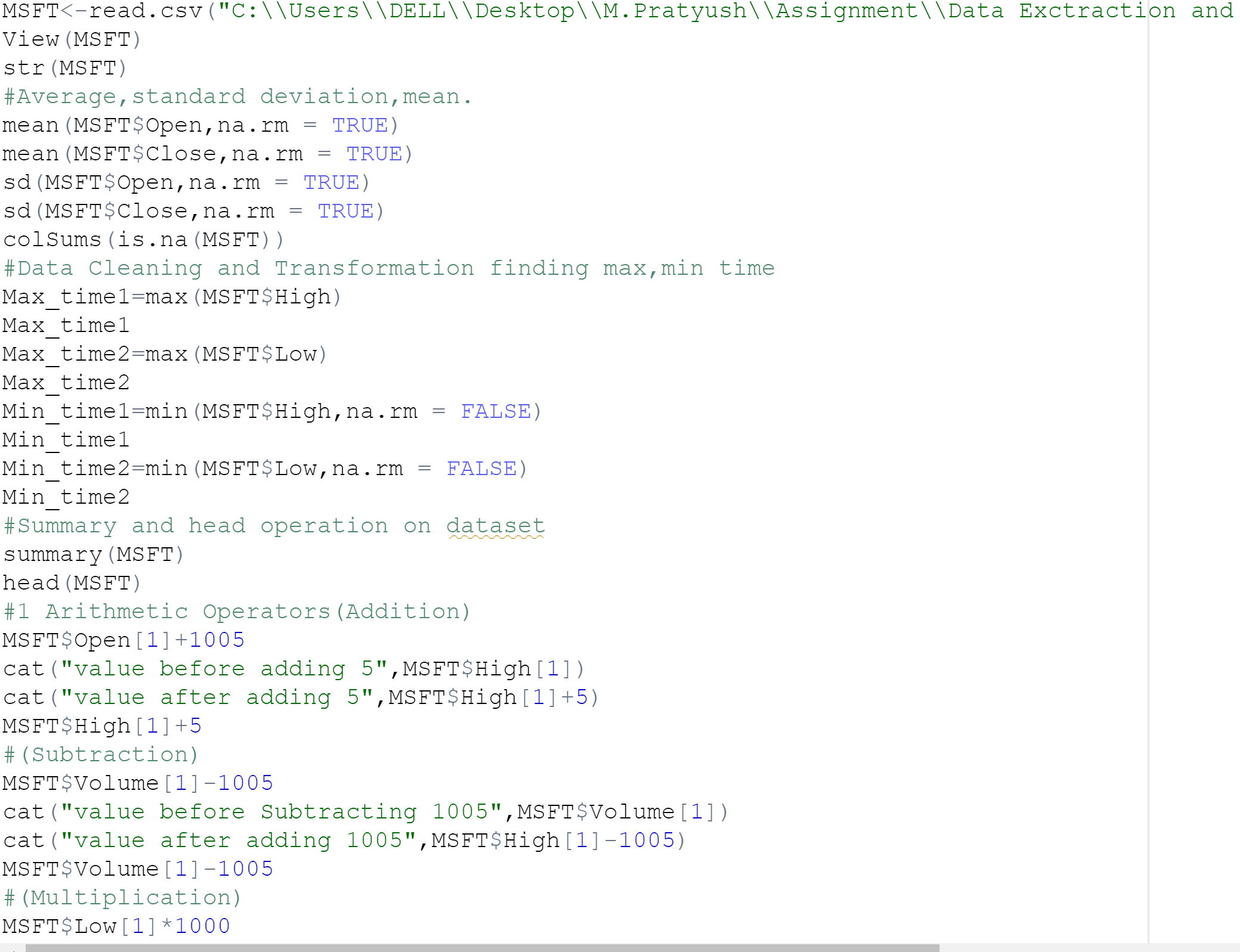
Data Extraction

Data filter

Data Exploration and Visualization

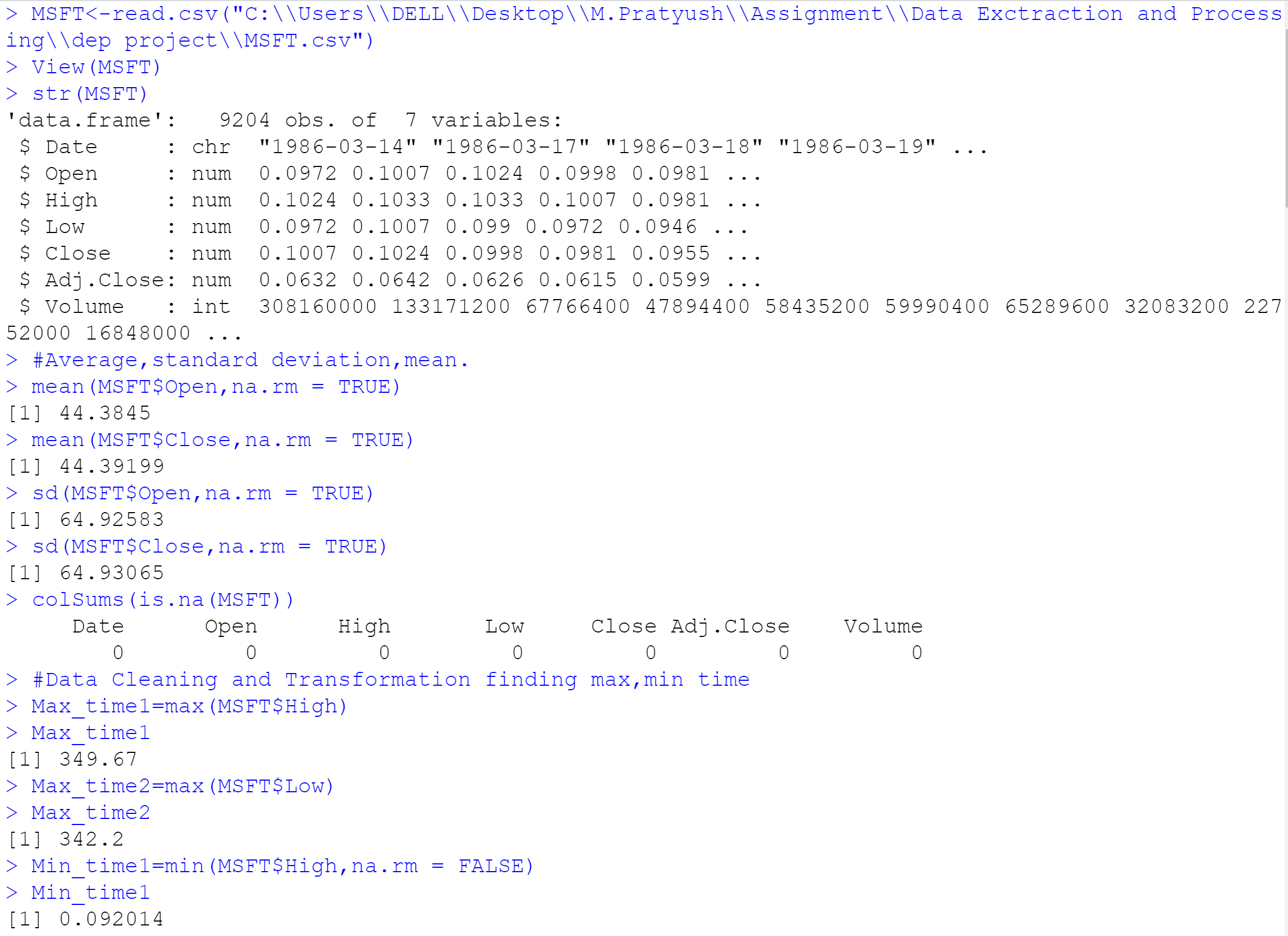
**Screenshots of Source code/Output**

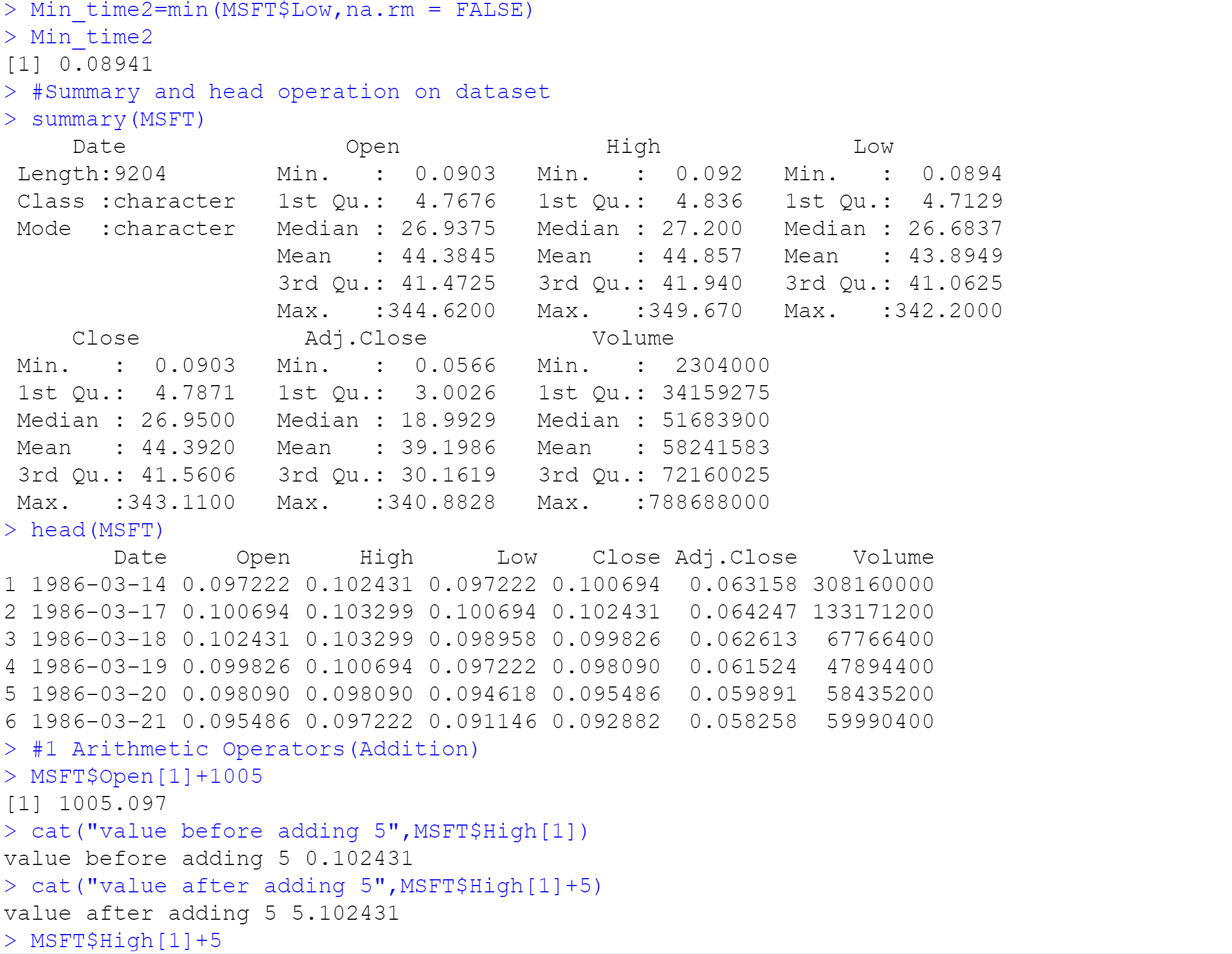
Source Code

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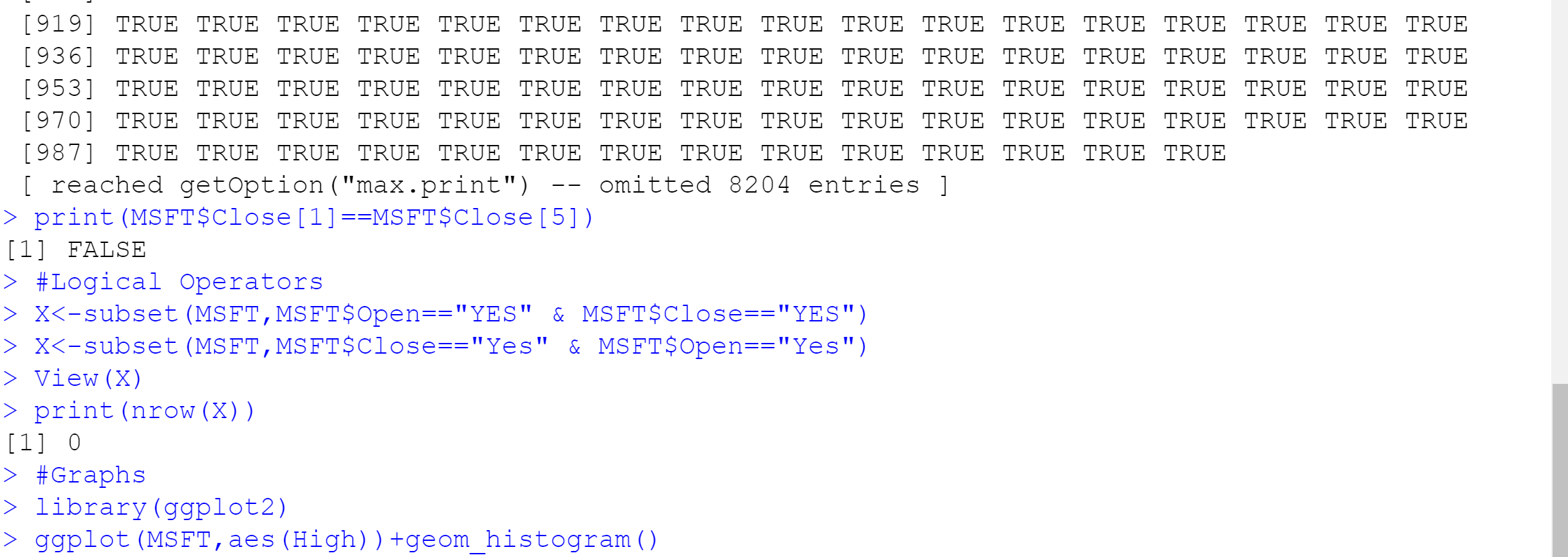
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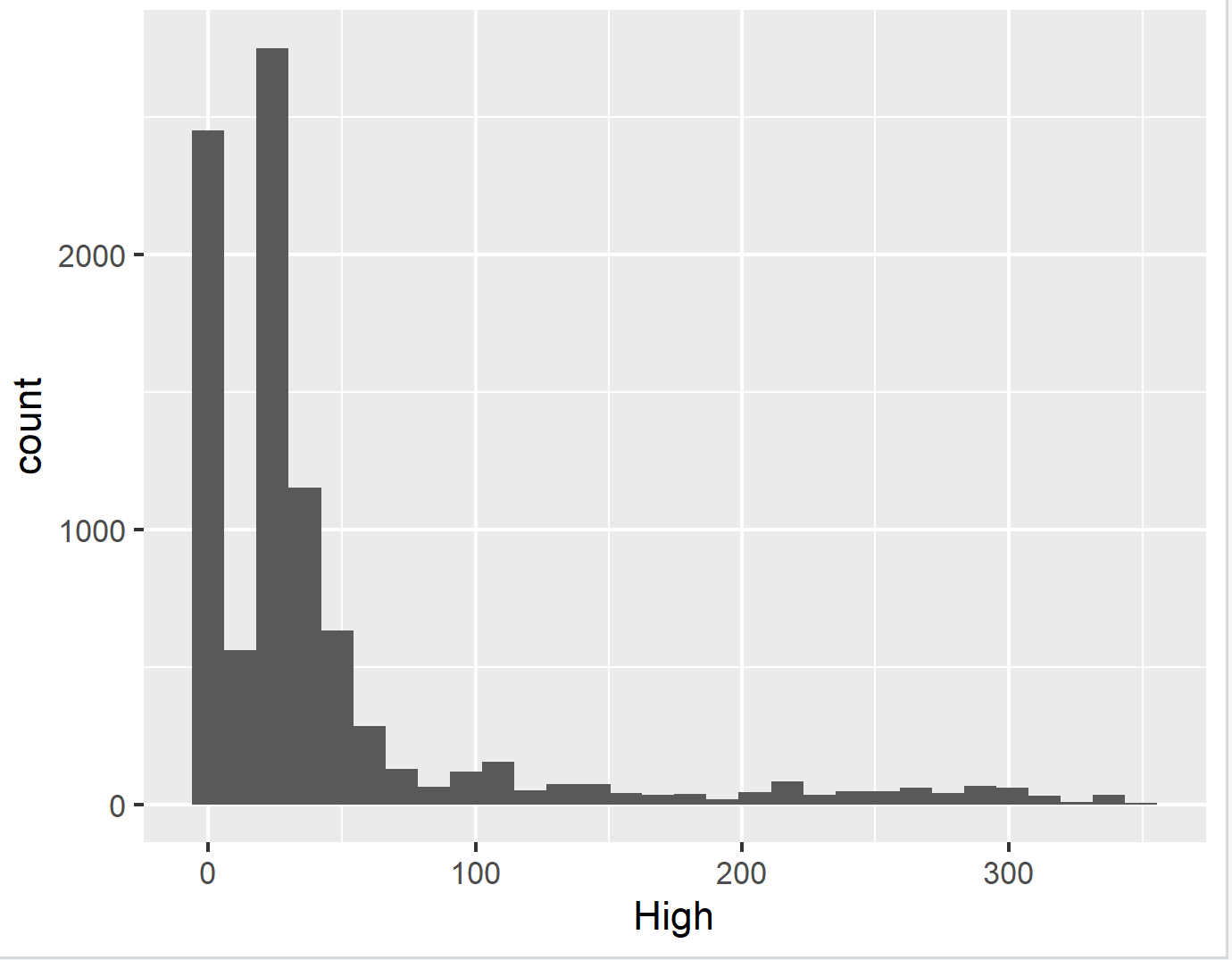
Output

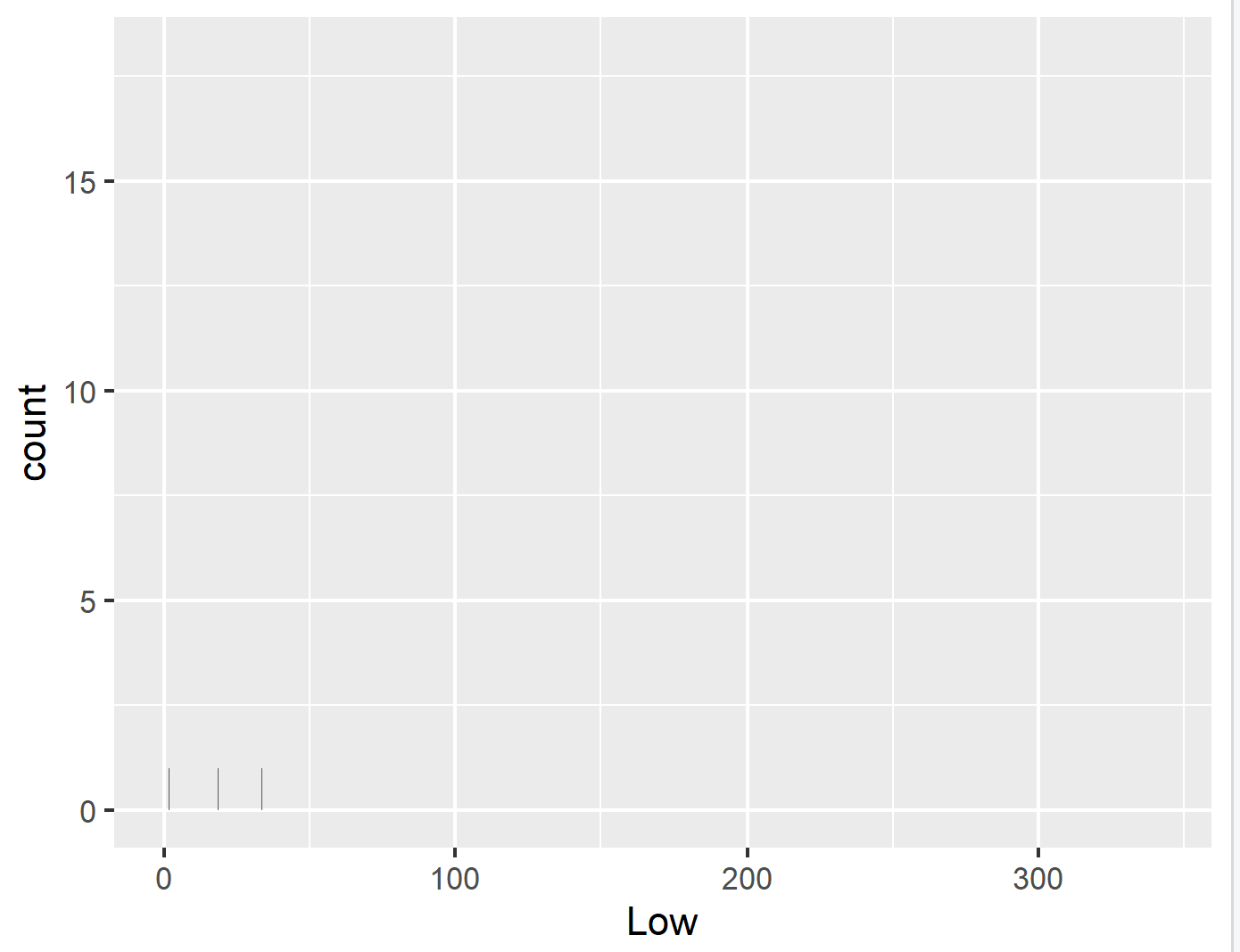


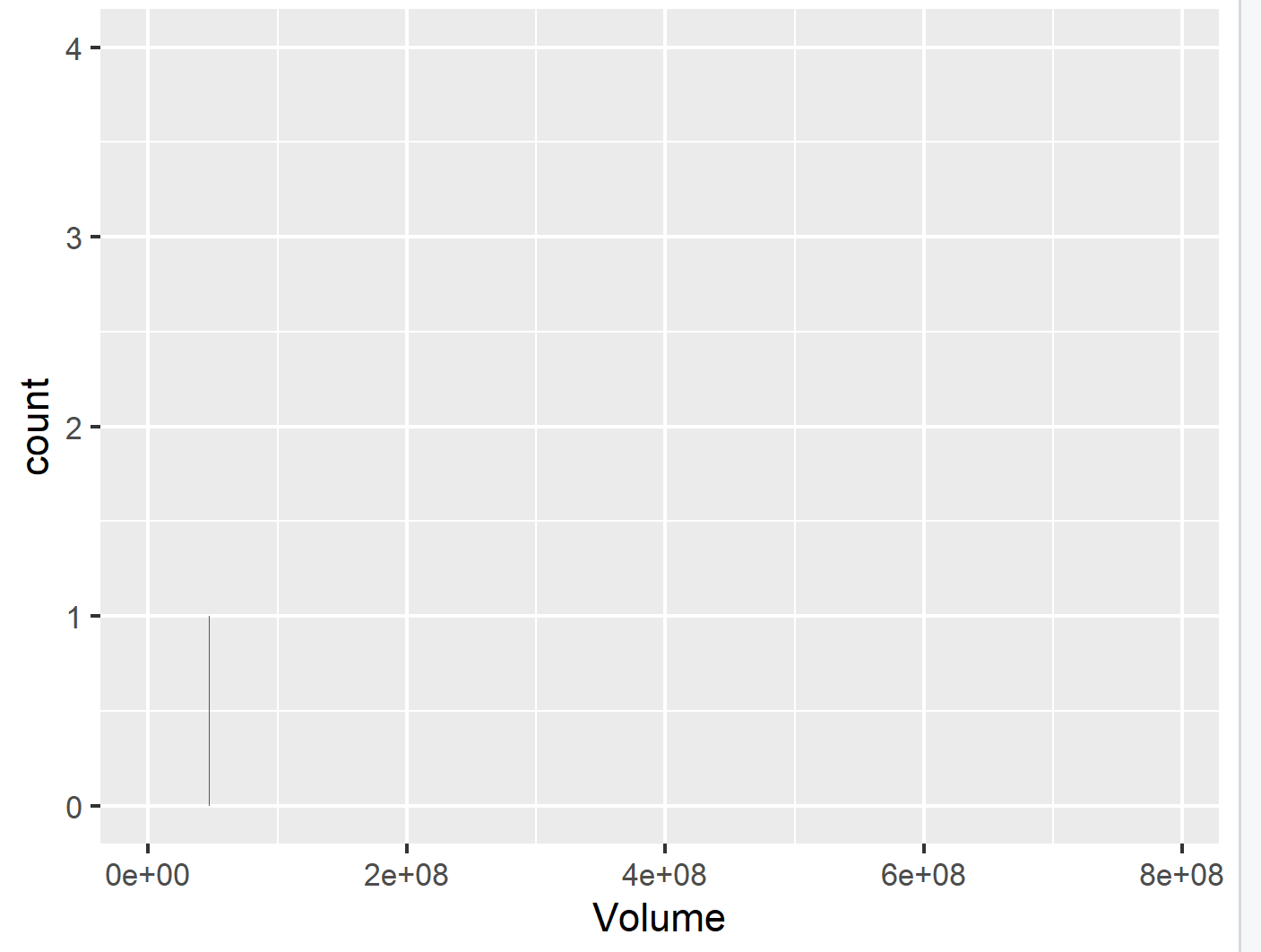


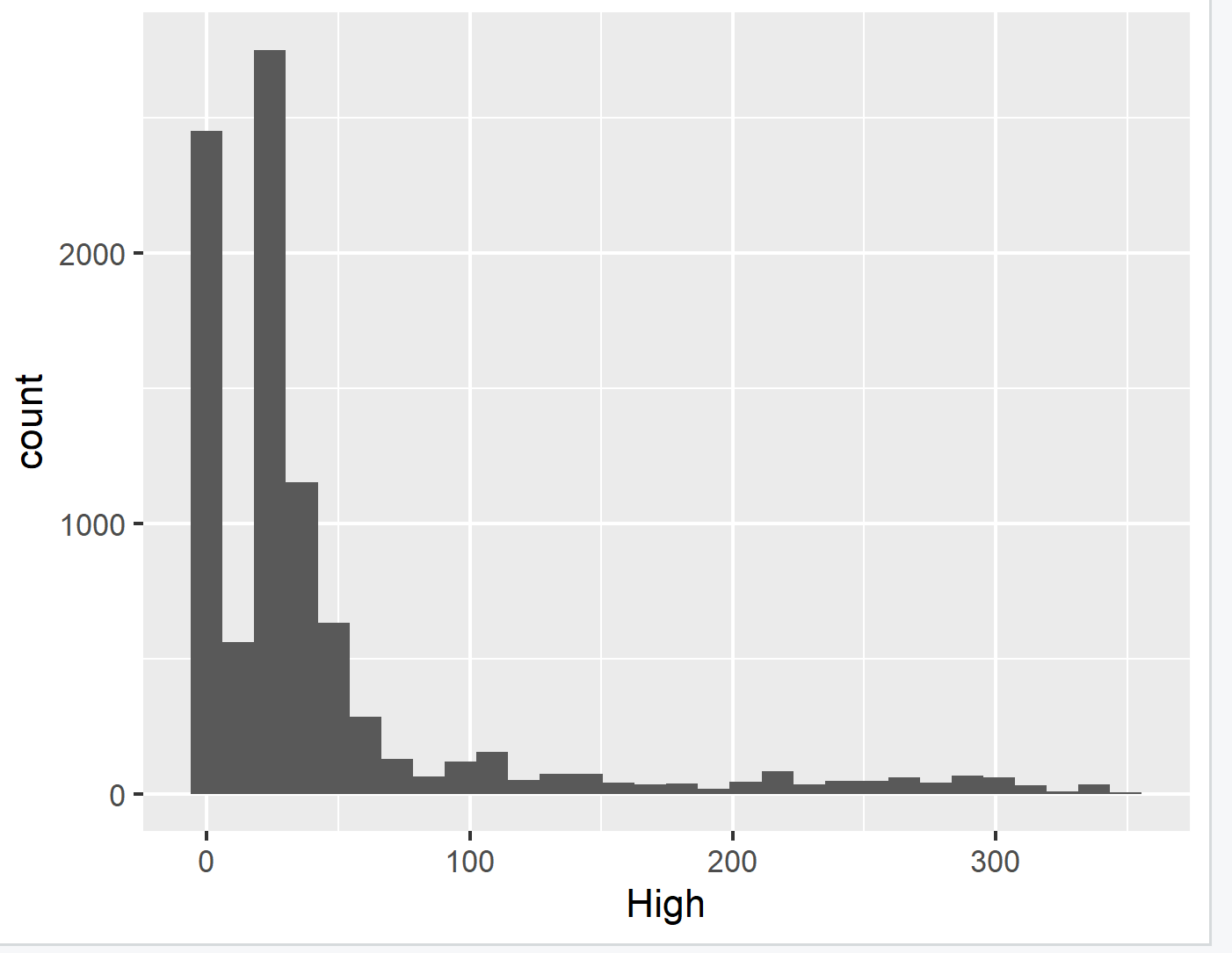


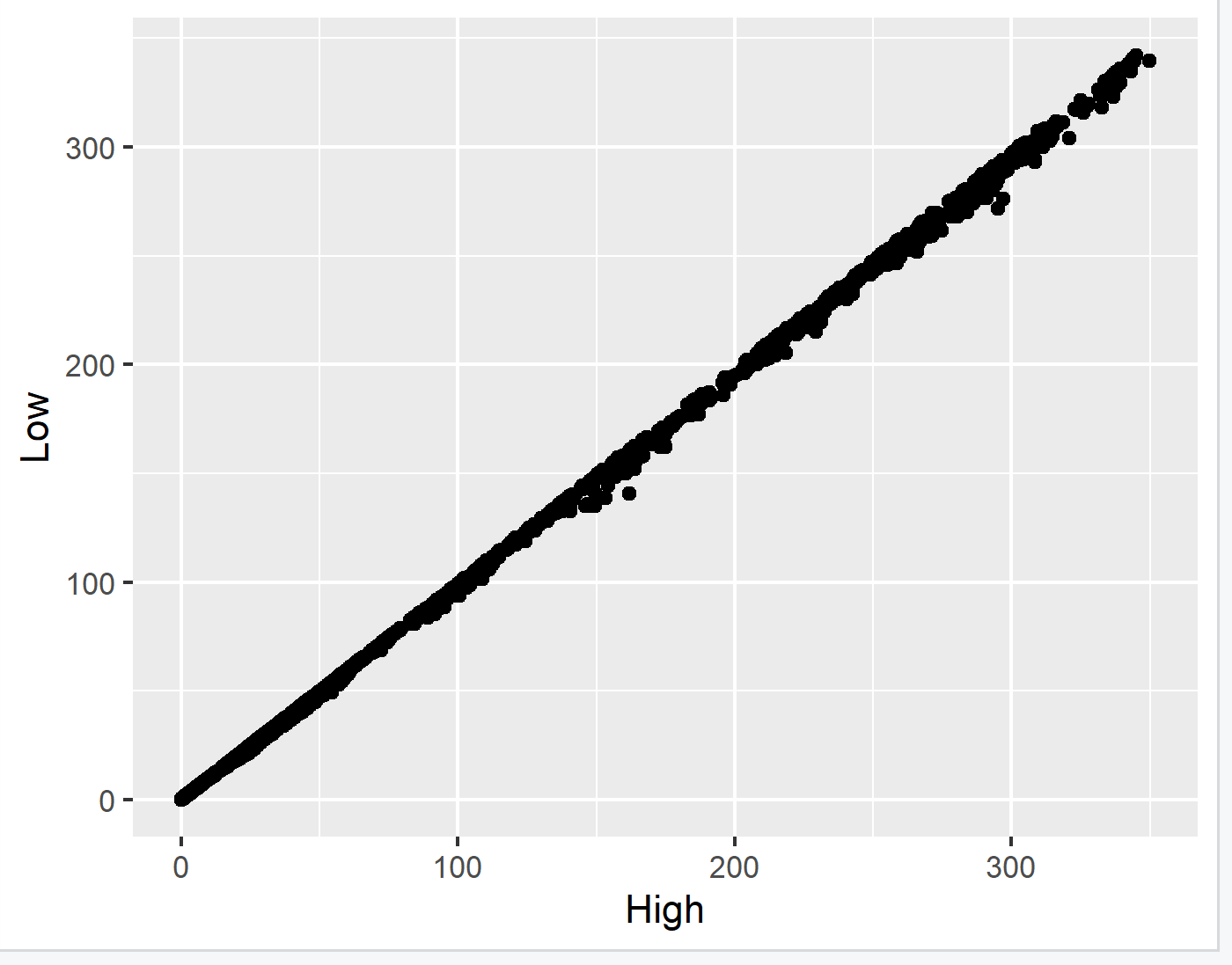


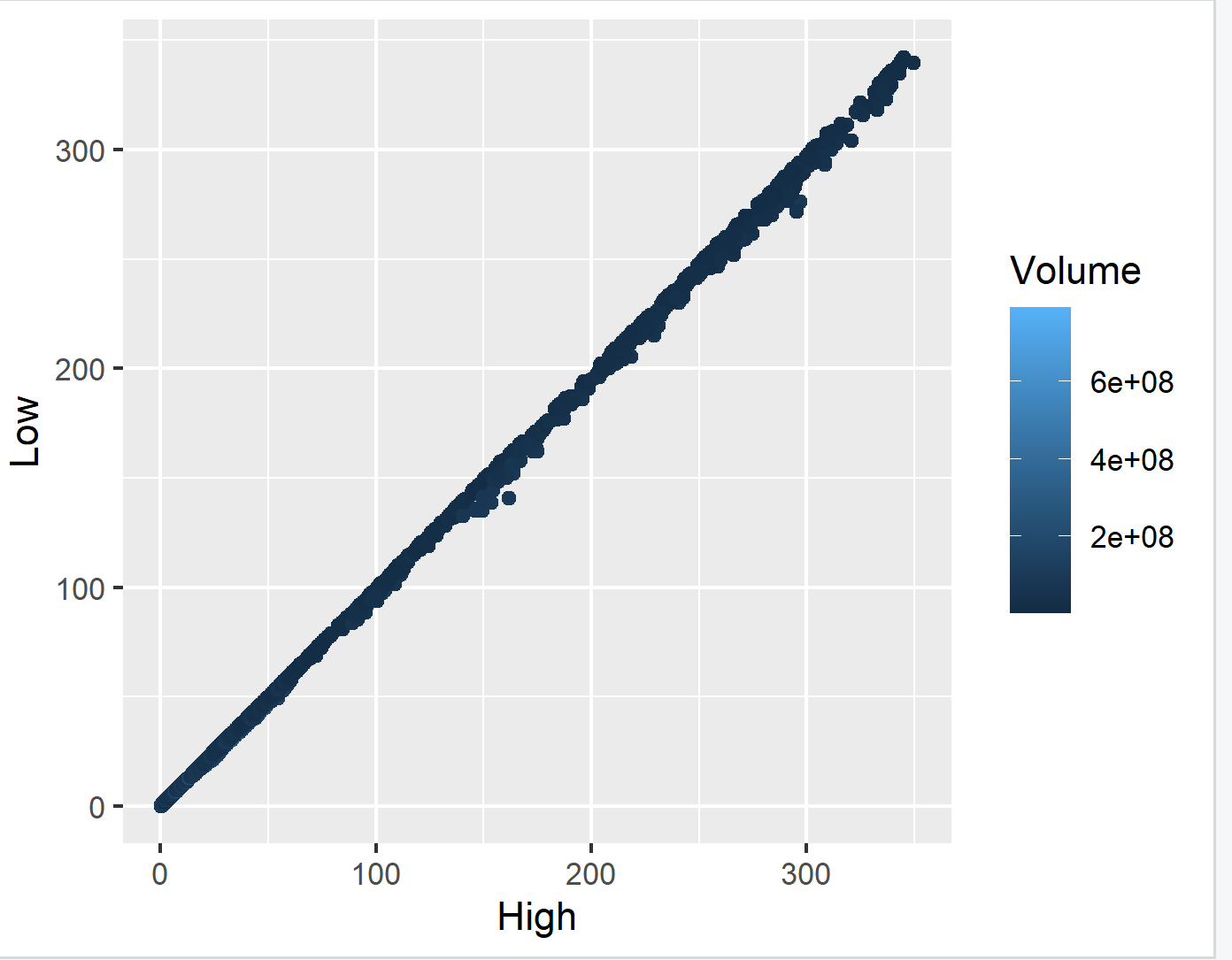












**Conclusions**

* Data Cleaning, Transforming ,Data visualization of the opening, Closing ,Volume , high ,low of the Microsoft has been found and Visualized.

**References**

[**https://www.kaggle.com/datasets/97ac1fbfabec74cdd827e3bba1c70a766e7442d89ee940ecb6cec1c6927ef81d?resource=download**](https://www.kaggle.com/datasets/97ac1fbfabec74cdd827e3bba1c70a766e7442d89ee940ecb6cec1c6927ef81d?resource=download)