

I'll process the file for duplicate columns, null values, and then summarize the dependent and independent variables with charts.

The dataset contains the following columns:

1. **Date** (object): Represents the dates, acting as the independent variable. It has some missing values.
2. **Open** (float64): The opening price of the stock.
3. **High** (float64): The highest price of the stock for the day.
4. **Low** (float64): The lowest price of the stock for the day.
5. **Close** (float64): The closing price of the stock.
6. **Volume** (float64): The trading volume.

Observations:

- There are 4,187 rows, but only 4,157 rows have complete data. This indicates the presence of missing values.
- No duplicate columns were identified at first glance.
- The "Volume" column consistently shows zero values, which may need further investigation or exclusion.

I will proceed to:

1. Remove duplicates if present.
2. Filter out rows with missing values.
3. Ensure "Date" is treated as the independent variable.
4. Generate line charts for the dependent variables.

The "Date" column contains values in multiple formats, which is causing the error during conversion. I'll handle this issue by inferring the datetime format automatically and re-clean the dataset.





