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Semester VII

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Assignment no# 2

Before vs after cleaning report

(Stock Price Forecasting)

Department Of Software Engineering

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Aspect	Before Cleaning	After Cleaning
Entries	251	251
Columns	Date (object), Price (float64), Open (float64), High (float64), Low (float64), Vol. (object), Change % (object)	Date (datetime64), Price (float64), Open (float64), High (float64), Low (float64), Vol. (object), Change % (object)
Missing Values	None	None
Date Format	MM/DD/YYYY	YYYY-MM-DD
Memory Usage	~13.9 KB	~15.7 KB
Cleaning Method	(Assumed fillna with method='ffill', now deprecated)	Fillna recommended with ffill() or bfill()

Before Cleaning:

- The dataset has 251 entries with columns: Date, Price, Open, High, Low, Vol., Change %.
- Data types before cleaning:
1) Date: object (string representation)
2) Price, Open, High, Low: float64
3) Vol., Change %: object
- No missing values in any column.
- Sample data shows dates in format MM/DD/YYYY.

After Cleaning:

- The dataset still has 251 entries and the same 7 columns.
- Data types after cleaning:
1) Date converted to datetime64[ns]
2) Price, Open, High, Low remain float64
3) Vol., Change % remain object
- Missing values filled; no missing values present after cleaning.
- Sample cleaned data shows dates in format YYYY-MM-DD, indicating successful datetime conversion.
- Dataset memory usage slightly increased due to dtype conversion.