

# Data Analysis Report

**Dataset:** TATAMOTORS.csv  
**Generated:** 2025-08-30 01:37:52  
**Tool:** DS Auto Insights

## Executive Summary

This report contains the analysis and insights generated from an interactive data exploration session. The analysis includes various visualizations and statistical findings that provide comprehensive insights into the dataset.

## Analysis Session

### Question 1

Show me the time series for these variables

### Analysis

To create time series charts, I need to know which specific numeric variables you are interested in analyzing over time. Here are the available numeric columns in the dataset: - Prev Close - Open - High - Low - Last - Close - VWAP - Volume - Turnover - Trades - Deliverable Volume - %Deliverble Please specify which of these variables you would like to see in a time series analysis.

### Question 2

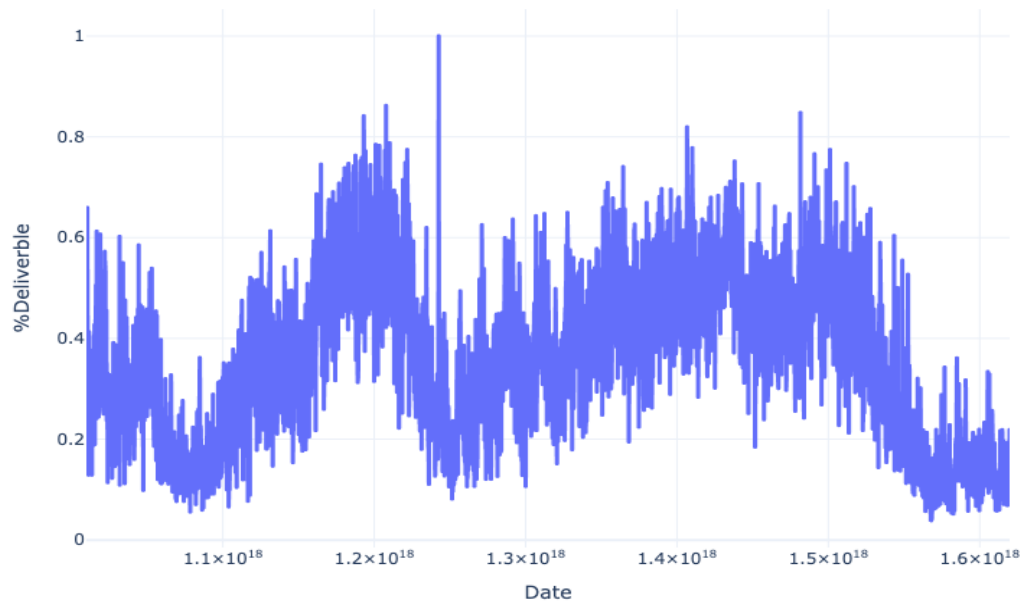
All of them

### Analysis

The time series charts for all the specified variables have been created. Here are the summaries and visualizations for each: 1. **Prev Close**: The chart shows the trend of the previous closing prices over time. 2. **Open**: The chart displays the opening prices trend over the dataset's time period. 3. **High**: This chart illustrates the highest prices recorded each day. 4. **Low**: The chart shows the lowest prices recorded each day. 5. **Last**: The chart represents the last traded prices over time. 6. **Close**: This chart shows the closing prices trend. 7. **VWAP**: The chart displays the Volume Weighted Average Price over time. 8. **Volume**: The chart illustrates the trading volume trend. 9. **Turnover**: This chart shows the turnover trend over the dataset's time period. 10. **Trades**: The chart represents the number of trades over time. 11. **Deliverable Volume**: The chart shows the trend of deliverable volume. 12. **%Deliverble**: This chart illustrates the percentage of deliverable volume over time. Each chart is prepared with the data points and ready for display. If you need to view any specific chart in detail, please let me know!

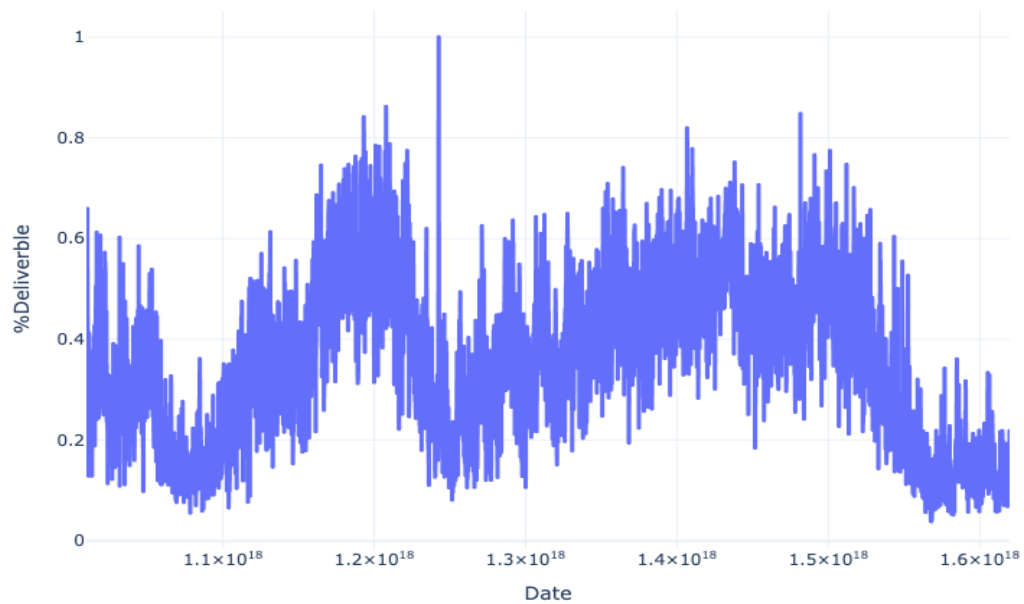
### Chart: Time Series Analysis: Prev Close

Time Series Analysis: Prev Close



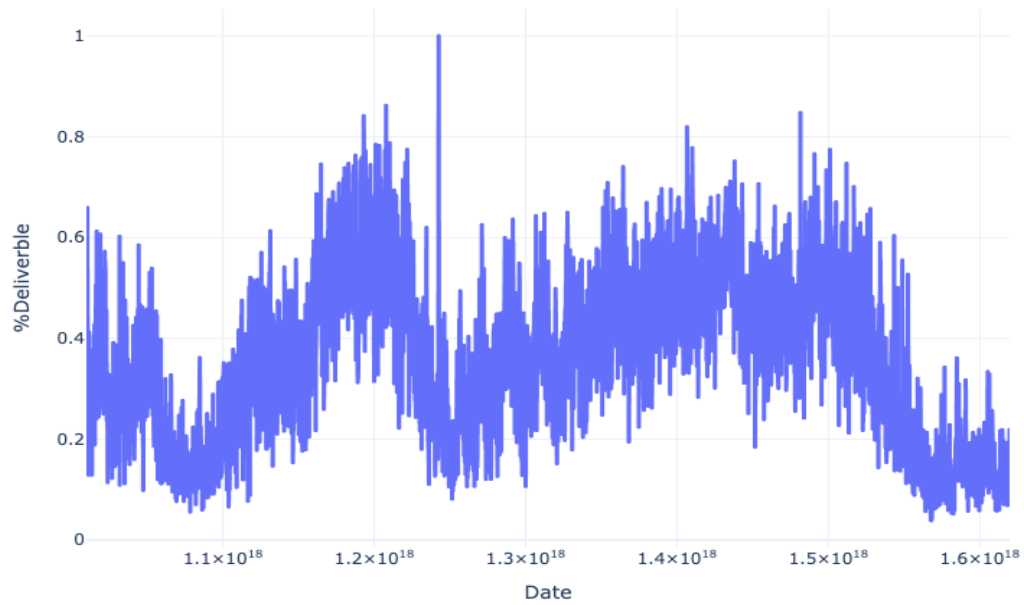
**Chart: Time Series Analysis: Open**

Time Series Analysis: Open



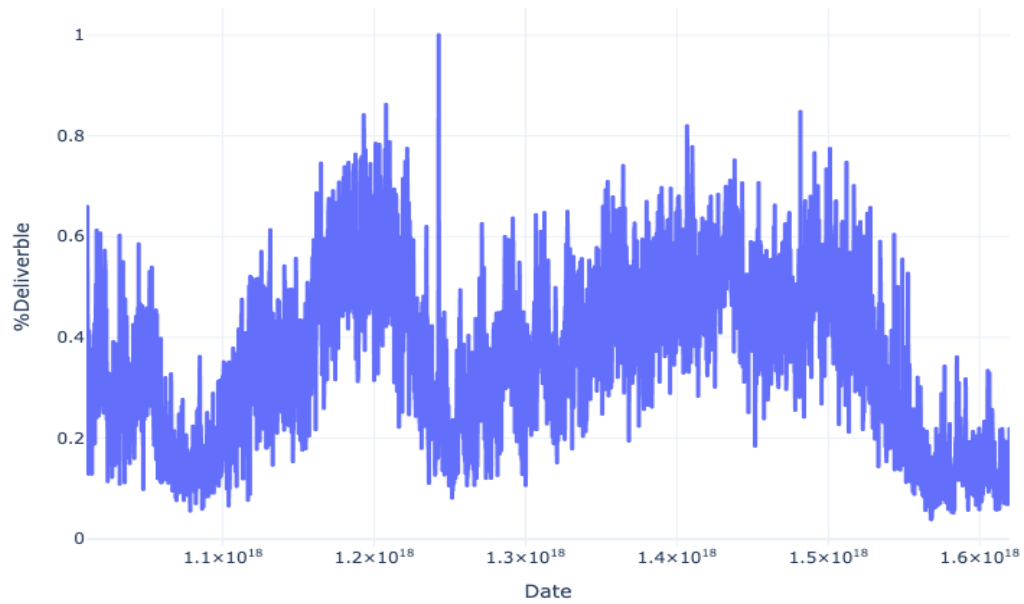
**Chart: Time Series Analysis: High**

Time Series Analysis: High



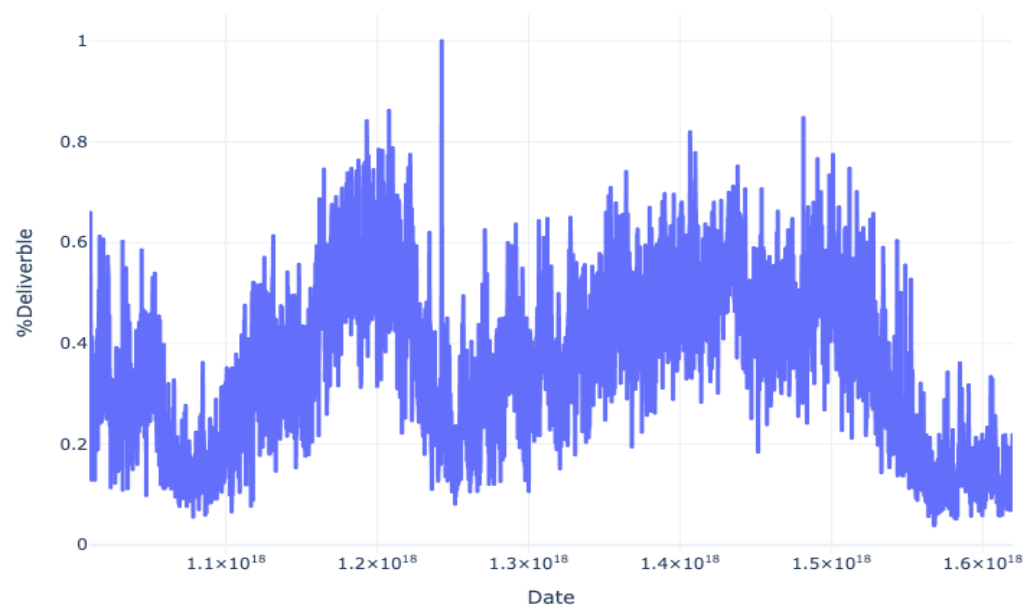
***Chart: Time Series Analysis: Low***

Time Series Analysis: Low



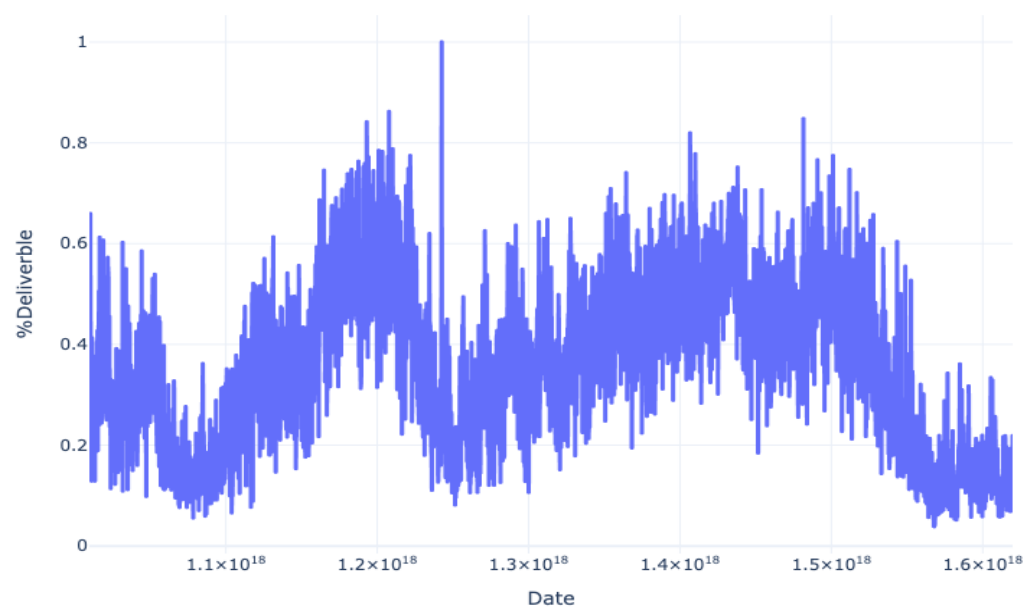
***Chart: Time Series Analysis: Last***

Time Series Analysis: Last



**Chart: Time Series Analysis: Close**

Time Series Analysis: Close



**Chart: Time Series Analysis: VWAP**

Time Series Analysis: VWAP

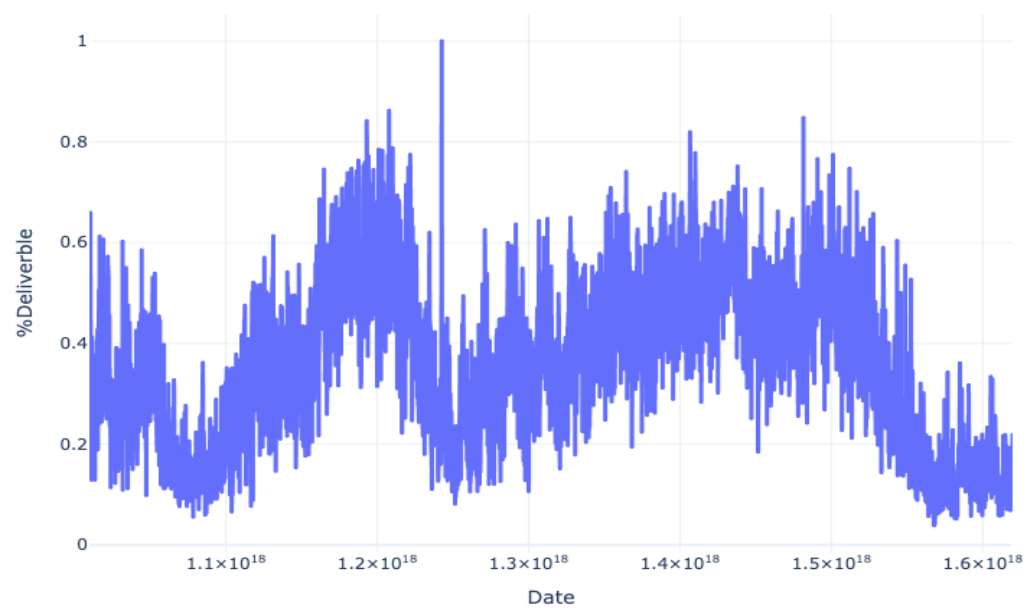


Chart: Time Series Analysis: Volume

Time Series Analysis: Volume

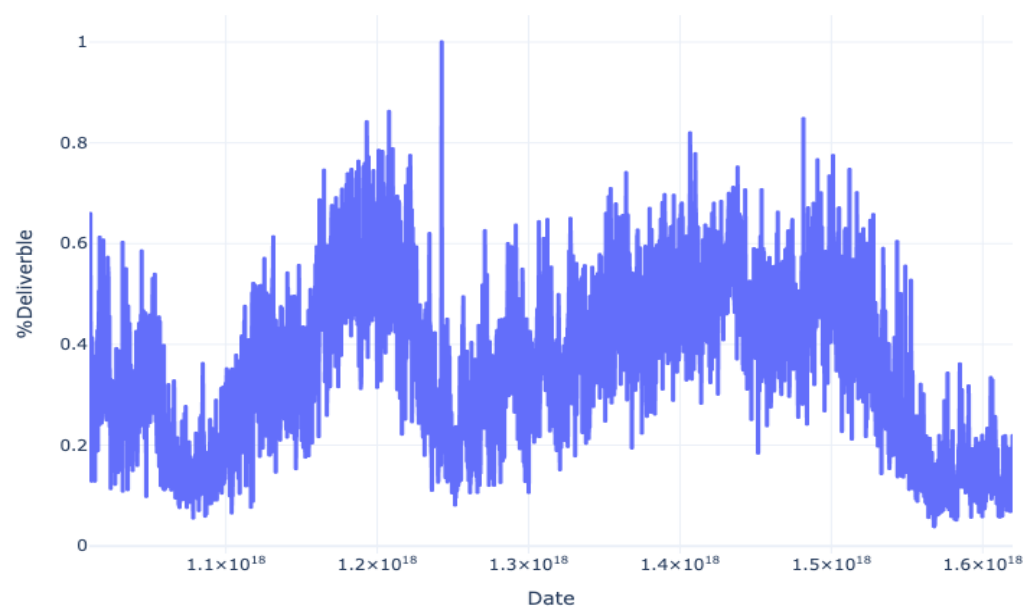
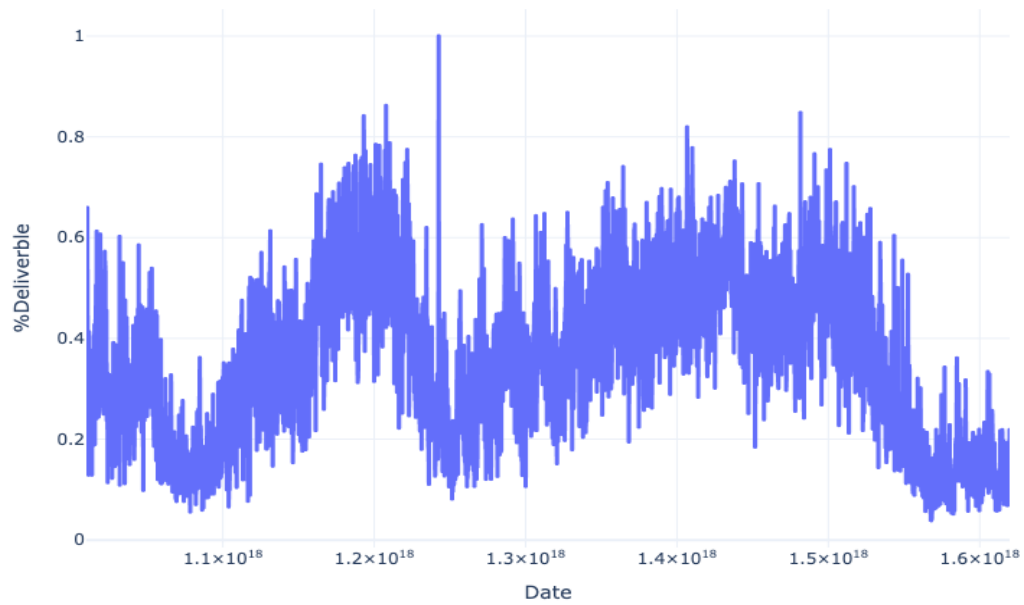


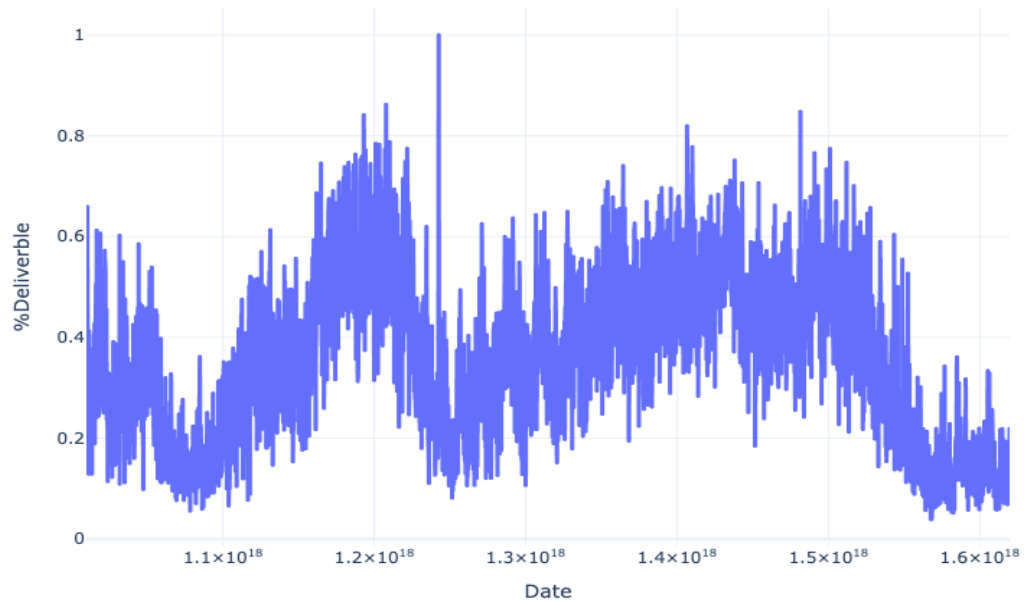
Chart: Time Series Analysis: Turnover

Time Series Analysis: Turnover



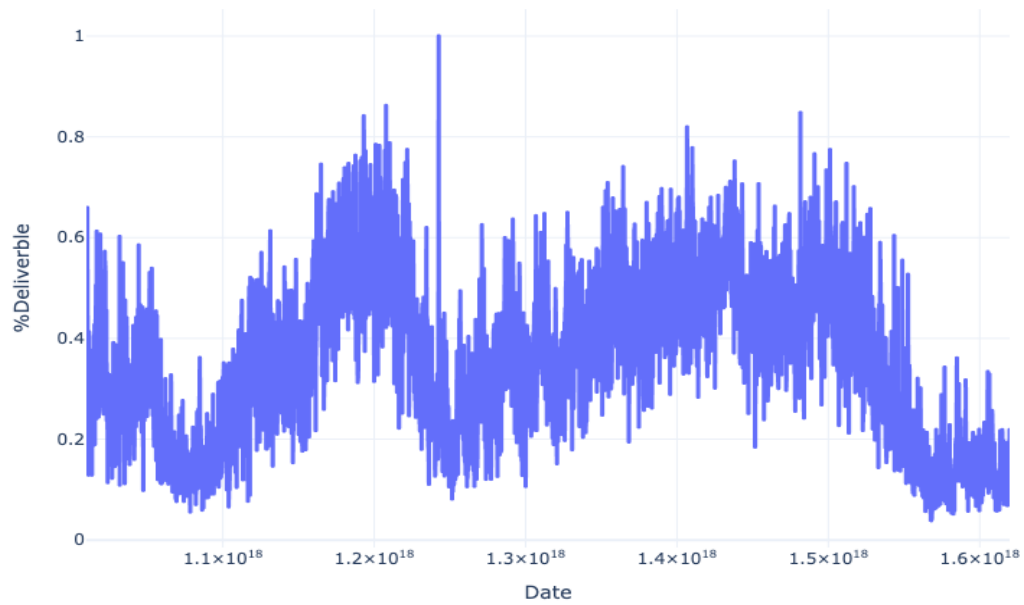
**Chart: Time Series Analysis: Trades**

Time Series Analysis: Trades



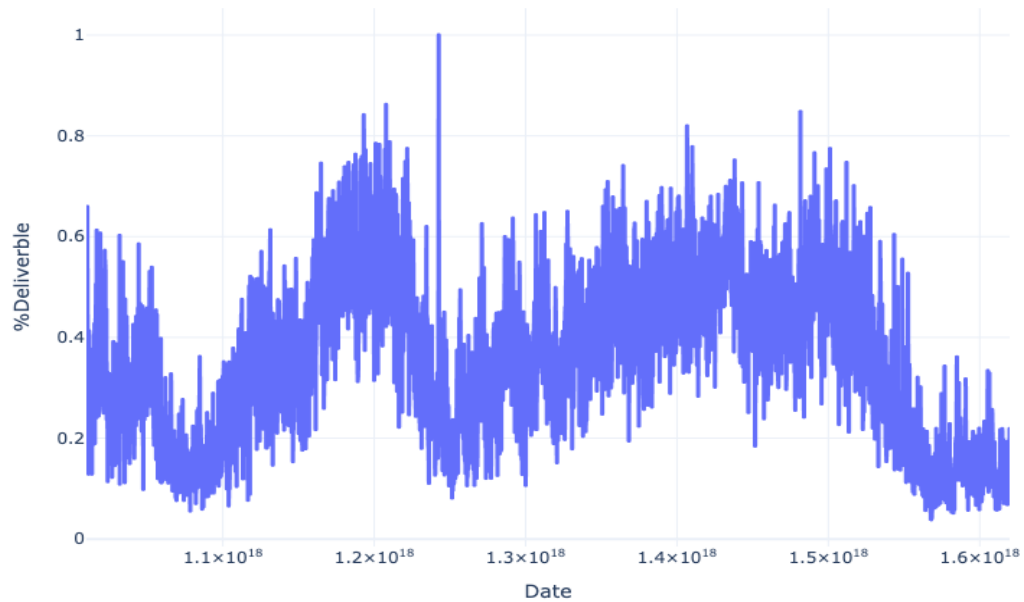
**Chart: Time Series Analysis: Deliverable Volume**

Time Series Analysis: Deliverable Volume



**Chart: Time Series Analysis: %Deliverble**

Time Series Analysis: %Deliverble



### Question 3

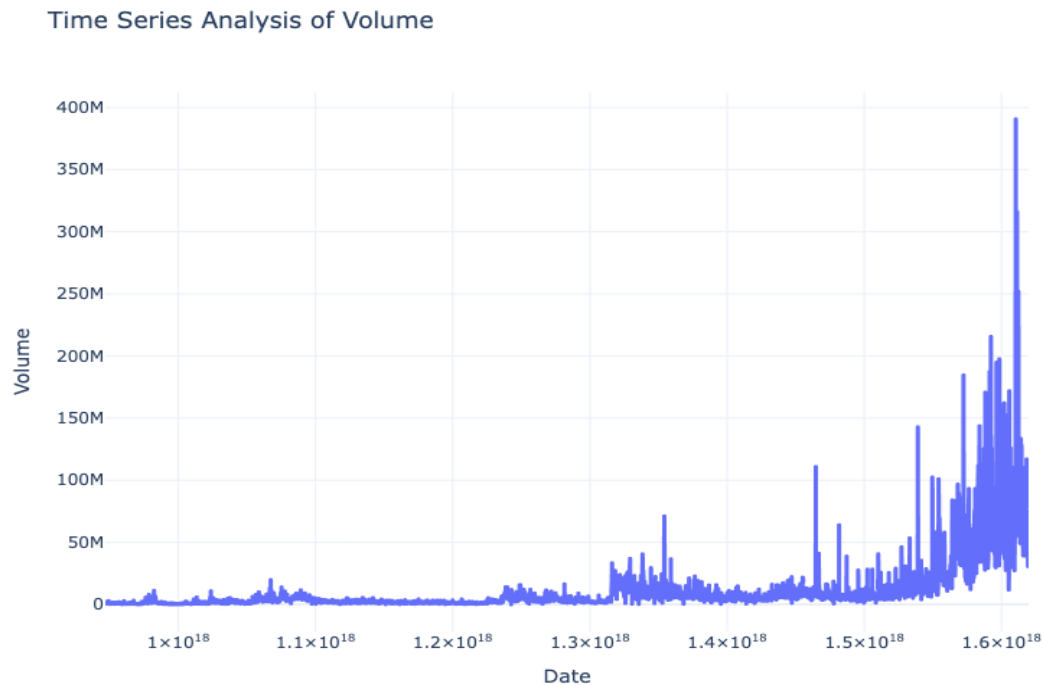
Give me the time series for Volume

### Analysis



The time series chart for the "Volume" variable has been created, showing the trend over the dataset's time period. If you would like to view the chart or need further analysis, please let me know!

### ***Chart: Time Series Analysis of Volume***



### ***Question 4***

Give me the time series for Low

### ***Analysis***

The time series chart for the "Low" prices has been created, showing the trend over the dataset's time period. If you would like to view the chart or need further analysis, please let me know!

### ***Chart: Time Series Analysis of Low Prices***

Time Series Analysis of Low Prices



# Report Summary

## Key Insights Summary

This analysis session generated 0 key insights and 14 visualizations:

**Visualizations created:**

- 14 time\_series chart(s)

**Recommendations:**

- Review the visualizations to identify patterns and outliers
- Consider the relationships discovered between variables
- Use these insights to inform business decisions
- Share this report with stakeholders for further discussion

## About This Report

This report was automatically generated by DS Auto Insights on 2025-08-30 01:37:52. All charts and insights were created through conversational queries with an AI-powered data analysis assistant.