Create Power BI/Tableau visuals for the Stock\_data Analysis

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1. **Time Series Analysis:**
   * Visualize the stock price over time using line charts or time series visuals. This can help identify trends, seasonality, and any significant fluctuations.
2. **Summary Statistics:**
   * Calculate summary statistics like mean, median, minimum, maximum, and standard deviation of the stock prices. You can present this information in a table or use cards.
3. **Volume Analysis:**
   * Analyze the trading volume over time to identify periods of high or low trading activity. This can provide insights into market sentiment and potential price movements.
4. **Moving Averages:**
   * Calculate and visualize moving averages ( 20-day) to smooth out short-term fluctuations and identify long-term trends.
   * Calculate the standard deviation of Close prices and then Compute upper and lower Bollinger Bands also visualize it in an appropriate visual.
   * Volume Weighted Average Price (VWAP)-

Calculate the VWAP for each trading day based on the provided volume data.

Visualize the VWAP along with the Close prices to analyze intraday price trends.

1. **Price Change Analysis:**
   * Calculate daily price changes and visualize them using histograms or line charts. This can help identify periods of high volatility.