Individual Dashboard Project Description

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Dataset Description

The dataset consists of historical daily stock price data for Starbucks Corporation (SBUX), retrieved via a live connection to Google Finance. The data includes:

- Date: Trading day
- Open, High, Low, Close: Standard OHLC price indicators
- Volume: Daily trading volume

This dataset provides the basis for time-series and technical indicator analysis of Starbucks stock performance.

Dashboard Design Concept

The dashboard is designed to visualize key technical indicators for Starbucks (SBUX) stock in an interactive and user-friendly layout. It aims to help users explore historical market behavior, spot momentum signals, and assess market trends.

Included visualizations:
- **Close Price with Volume Overlay (Close/V)** : A dual-axis chart displaying the daily closing price (line plot) alongside trading volume (bar chart).
- **Daily Gap Chart**: The area chart captures the absolute gap between the opening and previous closing prices to flag high-volatility days.
- **MACD Chart**: A MACD histogram (bar plot) to measure the divergence between the MACD and its signal line.
- **RSI**: A smoothed line chart visualizing the RSI values, which indicate overbought (typically >70) and oversold (typically <30) conditions.