## **ETF Explorer Dashboard**

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Our interactive dashboard allows users to explore and analyze market data of over 2000 Exchange-Traded Funds (ETFs) within a time frame of their choosing. Users can select as many ETFs as they want and select specific market price data (such as open or close prices) to plot over customizable date ranges. Through the "Price Trends" tab, users can visualize ETF price movements over time, with options to plot the price movements as moving averages as well over a customizable time window. A dedicated "Volatility Analysis" tab displays the price volatility of selected ETFs, using either raw data or moving standard deviation to showcase market fluctuations over chosen time periods. The dashboard also includes customizable widgets for adjusting the display options, rolling window periods, and chart dimensions. We also include built-in trend indicators and total volume traded summaries. enabling users of the dashboard to derive meaningful insights effectively.



