

BACKGROUND INFORMATION

Typically, traders monitor stock prices and trading strategies by having data displayed visually on their screens in chart form. Often these charts will be accompanied by alerts that notify users when certain events occur or when preset price thresholds are hit.

JPMorgan Chase created the Perspective tool over many years to allow users to present and manipulate data feeds visually in web applications.

Perspective provides a set of flexible data transforms, such as pivots, filters, and aggregations. It utilizes bleeding-edge browser technology such as Web Assembly and Apache Arrow and is unmatched in browser performance. It is engineered for reliability and production-vetted on the JPMorgan Chase trading floor. Now it's available to the development community as an open source library. If you want to explore that, a link is provided as an additional resource.