<div align="center">**PROGRAM PROPOSAL**</div>

Proposed Program Name: Data Analytics Visualization
Sponsoring Member: JP Morgan
Initial PMC Lead: Neil Slinger
Proposed Scope:

The program's purpose is to support open collaboration on technology and tooling focused on user driven data analytics & visualization. This will include the visualization of all common data structures found across financial services in both their static and streaming form, including: time series, tabular, order book & hierarchical data and also complex object structures.

Across every firm in financial services there is a large overlap in work being done to integrate, extend and, in some cases, custom build data visualization components for a range of common use-cases. Further to this, the is also significant overlap in work being done to construct dashboards and other connected desktop applications containing these visual elements. This program aims to bring together these common aspects to collaborate together in the open to provide robust, well integrated user focused solutions.

This program will cover both the rendering components and also client/UI side data modelling concerns.

The working groups within the *Data Analytics Visualization* program will partner with other *FINOS* programs, e.g., *Data Technologies, FDC3* and *Financial Objects*, which are focused on data modeling, production and analytics to help ensure robust end-to-end integration can be achieved.

Program Operations Policy: Standard:☒
                                                         Amended:☐ **(please provide redlined POP with this proposal)**

Initial Projects and/or Working Groups

Project/WG	Name	Scope	Initial Roster
Project	Perspective	A streaming data visualization engine for JavaScript. Perspective is a fast, memory efficient streaming data engine providing visualization plugins for common grid and chart based views.	Andrew Stein, Neil Slinger, Deepankar Sharma