Data Filterer

Problem Statement

A light-weight widget that can easily be integrable with your platform to filter large amounts of data having features such as Cross Filter and dynamic filter selection with less latency.

For Faster data retrieval we utilize databases such as DuckDB-Wasm, Sql.js or create indexes by using B+ tree and measure performance with TPC-H benchmark

Target Audience

Platform Developers who want to utilize the data filterer

User Stories

- As a platform developer, I want to load the data into filterer so that I can filter the data
- As a platform developer, I want to integrate the data filterer so that I can use filterer in my platform
- As a platform developer, I want to select some columns so that I can filter only needed columns
- As a platform developer, I want to utilize cross filters, so that I can get only filtered options to select
- As a platform developer, I want to update the filters selection, so that I can switch b/w the filters dynamically
- As a platform developer, I want to see the filtered data and count so that I can use it for later
- As a platform developer, I want to filter large amounts of data with less latency so that user can interact fastly
- As a platform developer, I want to handle nested fields so that I can use them for filter later