



Apache Superset™ is an open-source modern data exploration and visualization platform.



Star

58,530



Watch

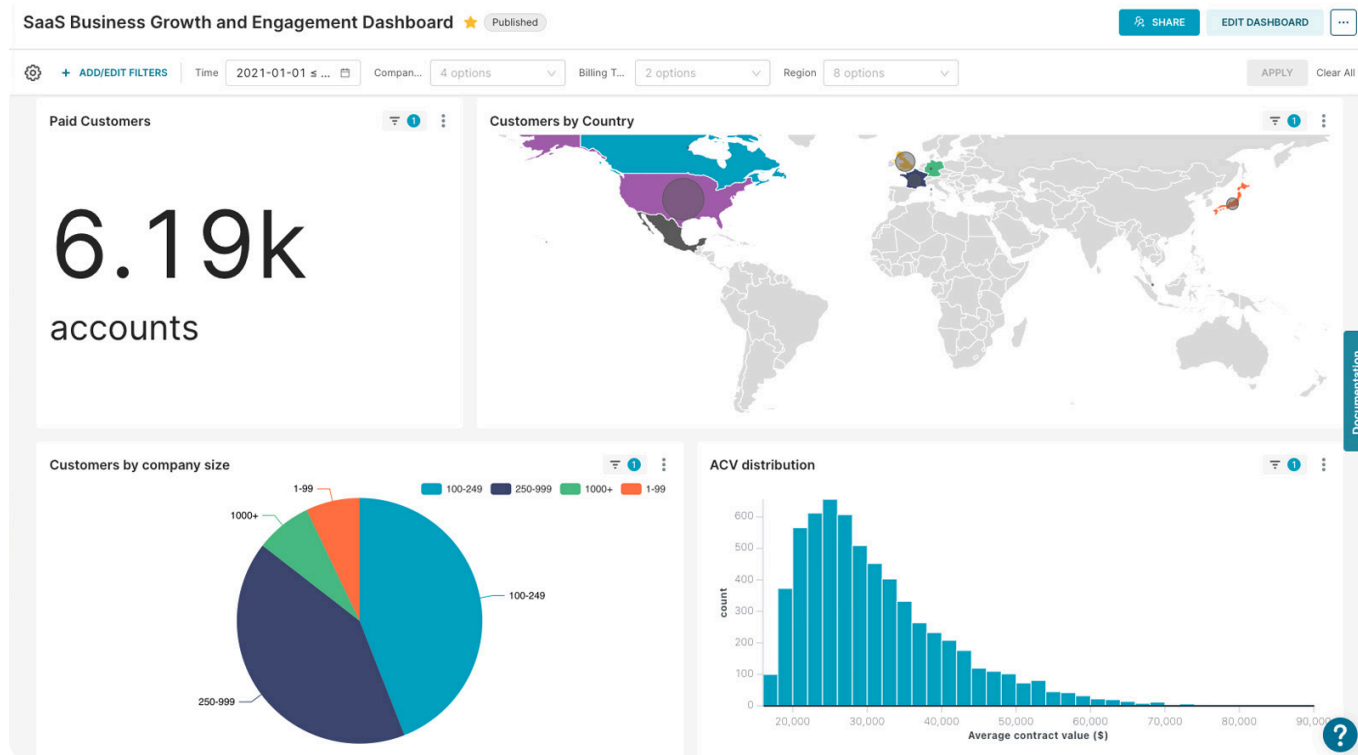
1,497



Fork

12,480

Get Started



Overview

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Superset is fast, lightweight, intuitive, and loaded with options that make it easy for users of all skill sets to explore and visualize their data, from simple line charts to highly detailed geospatial charts.



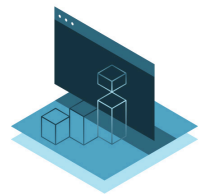
Powerful yet easy to use

Superset makes it easy to explore your data, using either our simple no-code viz builder or state-of-the-art SQL IDE.



Integrates with modern databases

Superset can connect to any SQL-based databases including modern cloud-native databases and engines at petabyte scale.



Modern architecture

Superset is lightweight and highly scalable, leveraging the power of your existing data infrastructure without requiring yet another ingestion layer.



Rich visualizations and dashboards

Superset ships with 40+ pre-installed visualization types. Our plug-in architecture makes it easy to build custom visualizations.

Self-serve analytics for anyone

Dashboards

Chart Builder

SQL Lab

Datasets

Explore data

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Key features

- ✓ **40+ pre-installed visualizations**
- ✓ Support for **drag-and-drop** and **SQL queries**
- ✓ **Data caching** for the faster load time of charts and dashboards
- ✓ **Jinja templating and dashboard filters** for creating interactive dashboards
- ✓ **CSS templates** to customize charts and dashboards to your brand's look and feel
- ✓ **Semantic layer** for SQL data transformations
- ✓ **Cross-filters, drill-to-detail, and drill-by** features for deeper data analysis
- ✓ **Virtual datasets** for ad-hoc data exploration
- ✓ Access to new functionalities through **feature flags**

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Supported Databases

 PostgreSQL	 Google Big Query	 snowflake	 MySQL
 amazon REDSHIFT	 amazon ATHENA	 druid	 databricks
	 CSV	 ClickHouse	 [ROCKSET]
 dremio	 trino	 ORACLE DATABASE	 pinot
 presto	 IBM DB2	 SAP HANA	 Microsoft SQL Server



...and many other [compatible databases](#)