

Product Overview

PRODUCT SHEET



All-in-One Data Platform

Panoply is the only all-in-one data platform that automates all three key aspects of the data stack: data ingestion, data management, and query performance optimization. Panoply empowers anyone working with data analytics to quickly gain actionable insights on their own – without the need for additional IT and Engineering resources.

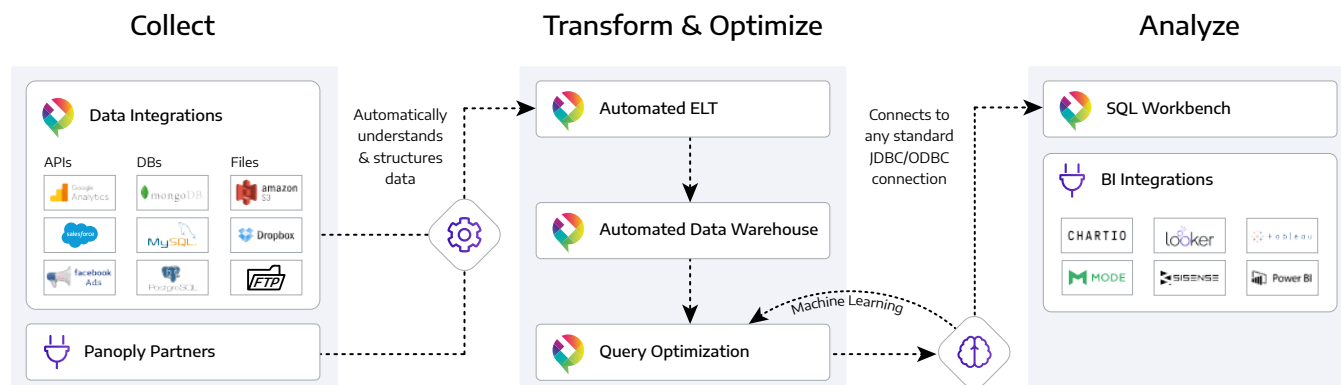
Anyone can set up Panoply to collect and combine all their data in just minutes, with zero on-going maintenance. All data is stored, sorted, and optimized for lightning fast analytics. It's affordable and the best-performing self-serve data warehouse management solution on the market. Our data warehouse platform delivers the industry's fastest time-to-insights by eliminating the development and coding typically associated with transforming, integrating, and managing any data.

We've built Panoply using proprietary machine learning algorithms to automatically enrich, transform and optimize any kind of data, making it simple for you to gain actionable insights for critical business decisions – without needing help from IT or engineering.

You can connect over 100 different data sources into Panoply's data warehouse, so no matter the service, structure or schema, you can ingest your disparate data in a few clicks. What's more, our AI technology automatically optimizes the performance of your queries making them lightning fast.

Panoply is also optimized for analytics to accommodate any BI or visualization tools you prefer, so your queries and dashboards will run up to 10x faster.

Panoply Cloud Data Platform Architecture Overview



Easy to Set Up & Use

Anyone can set up Panoply to collect 100+ data sources – in minutes, on their own, without any technical knowledge

Built-in ETL



Panoply automatically aggregates data as it streams in with built-in ETL (ELT). This provides access to all the data at your fingertips, rather than just a subset of the data like you get with ETL – regardless of scale, and without data configuration, schema, or modeling.

Auto-Generated Schemas



Panoply scans through the data and discovers the underlying schema and metadata that best describe it – including all columns, data types, and foreign keys, constructing or altering the schema based on the data, and eliminating the need to explicitly design database tables and columns.

Flexibility with Any Data Type



Native integrations to any structured, unstructured, or semi-structured data like JSON. Panoply has native integrations with all major databases, object storage services, SaaS/API tools, and flat files.

Seamlessly Connect to any BI Visualization Tool



Panoply seamlessly connects to any BI visualization tool, including popular BI tools like Chart.io, Looker, Tableau, PowerBI, and Mode.

Automated Performance Optimization with AI

AI automates your data pipeline performance from ingestion, to storage, to query optimization to get actionable insights faster

Real-Time Transformations



Automatically build your tables, auto-identify data types, and join common data like dates and geotagging. With Panoply, you won't have to spend endless hours on reindexing and modeling schema.

Adaptive Auto-Scaling



Panoply handles the entire data infrastructure, eliminating the traditional concerns about scale, caching, IOPS, and memory. The platform auto-scales clusters seamlessly to keep up with the organization's needs while reducing server costs.

Dashboard & Monitoring



Panoply's easy-to-use web app gives you full transparency into your data pipeline, all in one place. It provides maximum transparency about everything from uptime and average query time to monitoring storage space.

Data Management



Manage your data sources and connect to BI tools in one place in minutes. Panoply adapts server configurations to accommodate greater scalability, including solving the issue of concurrency.

All-in-One Solution Designed for Analytics

Combine any disparate data and seamlessly connect it to all your favorite analytics tools in one place for lightning-fast analytics

Query Performance Optimization



We've accelerated and optimized the querying process with machine learning, eliminating hanging queries and providing query results up to 100x faster.

Data Governance & Permissions



Panoply provides streamlined and secure management of users and permissions, avoiding the cumbersome SQL configuration generally required to manage lists of users, passwords, grants, and denies – and allowing you to send out invites via an easy-to-use UI.

Security, Privacy & Compliance



Enhanced privacy and security built on top of AWS, Panoply uses the latest security patches and encryption capabilities provided by the underlying platform including permission controls, TLS, and hardware accelerated RSA encryption.

Control Your Data



With Panoply you can log in any time to view your data, collect, add more data sources, schedule collection frequency, view historical data, setup data alerts, and build new data aggregations. Remove the wall between you and your data to get full visibility with Panoply.



Panoply is the only all-in-one data platform built for analytics, that automates all three key aspects of the data stack: data ingestion, data management, and query performance optimization.

Get your Free Trial at [Panoply.io](https://panoply.io)

