

SNOWFLAKE FOR DATA APPLICATIONS

Build massive-scale data applications without operational burden by selecting a data platform that delivers scalability and high performance.



DELIVER HIGH PERFORMANCE WITH AUTOMATIC SCALING AND UNLIMITED CONCURRENCY

Spin up an unlimited number of compute clusters that operate simultaneously on shared tables without resource contention, thanks to a multi-cluster, shared data architecture. Compute resources deploy automatically as workloads increase, and deprovision when loads subside.



QUERY ALL DATA WITH ANSI SQL

Ingest JSON, Avro, Parquet, and other data without transformations or pipeline downtime, and use ANSI SQL to query structured and semi-structured data together in a single source of truth.



REMOVE INFRASTRUCTURE BURDEN FROM SRE/DEVOPS TEAMS

Build on a fully-managed service with automatic provisioning, availability management, tuning, data protection, and other operations.



SCALE COST-EFFICIENTLY

Pay only for what you use with per-second pricing and instant elasticity that scales up, down, and out for complete efficiency and improved unit economics.



CREATE DIFFERENTIATED CUSTOMER EXPERIENCES

Differentiate your solution with highly performant, future-proof applications that scale with ease and ensure continued growth.

Today's application customers want data-driven insights that are fast, accurate, and based on fresh data. And application developers want to develop apps that delight customers with consistent performance and great user experiences.









Unfortunately, developers often struggle to build applications on data platforms that are not built for the cloud. When a data platform can't easily support scalability and concurrency, performance degrades as loads increase. Lack of support for semi-structured data can also lead to pipelines breaking when schemas change. And engineers often face operational burdens with maintaining infrastructures and tuning queries, which detracts from development time.

Whether you're building a data application for sales and marketing automation, IoT, application security and health analytics, or machine learning, you need a data platform that scales easily, is fully managed, and lets you focus on development.

Snowflake Cloud Data Platform was uniquely designed with a multi-cluster, shared data architecture to handle massive-scale SaaS applications. It enables the development of modern apps with unlimited and automatic scalability, concurrency, instant elasticity, and support for structured and semi-structured data—all without requiring engineers to manage complex data infrastructures. The results are faster innovation, improved engineering efficiency, and architectural future-proofing that guarantees delivery of your long-term product vision.

With Snowflake, application developers can deliver performant applications that ensure every customer experience is fast and reliable.

Built on Snowflake

 <p>Shares bike rider data with cities so they can better plan infrastructure.</p>	 <p>Helps hotel partners predict demand and improve search ranking.</p>	 <p>Enables CPG companies to make targeted offers based on store availability and customer behavior.</p>	 <p>Helps educational institutions predict and improve student performance.</p>
 <p>Delivers insights from patient data securely to over 10,000 pharmacies.</p>	 <p>Helps its customers track user behavior and optimize email campaigns.</p>	 <p>Helps its customers understand user behavior by securely sharing live data without having to copy it.</p>	 <p>Provides customers instant access to data about their own customers' in-app behavior.</p>

CUSTOMER SUCCESS



Lacework is a cloud security platform that provides cloud workload and container security solutions. Customers rely on Lacework for security protection and fast insights into their data.

Data is critical to Lacework's mission, which is why they need fast and efficient query results. As a startup, they also need an affordable solution that scales CPU and storage independently and doesn't require database administration.

With Snowflake as its cloud data platform, Lacework now scales environments and customer instances as needed, and can clone data and run queries with no further setup required.

“As a startup, your main goal is to make your customers happy. Anything that takes your focus away from that is slowing you down. Because of Snowflake, we are able to focus on our application. I sleep much better because of that.”

VIKRAM KAPOOR, CTO at Lacework

ABOUT SNOWFLAKE

Snowflake's cloud data platform shatters the barriers that have prevented organizations of all sizes from unleashing the true value from their data. More than 2,000 customers deploy Snowflake to advance their businesses beyond what was once possible by deriving all the insights from all their data by all their business users. Snowflake equips organizations with a single, integrated platform that offers the only data warehouse built for the cloud; instant, secure, and governed access to their entire network of data; and a core architecture to enable many types of data workloads, including a single platform for developing modern data applications. Snowflake: Data without limits. Find out more at snowflake.com.