

Fastest Time to Insight for Data at Any Scale

Giving organizations the critical insights they need, when they need them - on any size data.



HYBRID



ANSI SQL



GPU-POWERED

The Challenge

Organizations worldwide are facing the challenge of effectively analyzing exponentially growing data. They rely on leveraging these growing data stores to extract actionable insights into customer behavior, security anomalies, risk analysis, stock / inventory predictions, and more. 2021's increasing shift toward digital transformation across industries has placed even greater emphasis on data-driven approaches to doing business. Yet the analytics platform vendors on which organizations rely to analyze their data, struggle to keep up, challenged by the data's size, velocity and variety. Total Time to Insight (TTTI) has become the key factor figuring into an organization's ability to achieve critical business insights.

The SQream Solution

SQream is a hybrid analytics acceleration platform providing superior cost-performance, everywhere. Using SQream minimizes Total Time to Insight (TTTI) over data at any scale. The SQream solution handles data ranging in size from terabytes and up to massive and growing petabytes, minimizing the complex processes usually required when scaling. This means users are able to focus on the data insights and business meaning, instead of the technical infrastructure. The ability to rapidly ingest and analyze data make SQream especially suited for time-sensitive data sets, where business cases can fail or succeed based on the ability to achieve insights while information is still relevant.

	SQream 8 nodes + AWS	Snowflake 8 nodes + AWS	Redshift 8 nodes + AWS
Ingestion Time	1:54	14:49	6:31
Query Time	1:36	1:55	4:32
Query Total Cost	\$28	\$30	\$18
TTTI Ingestion + Query	3:30	16:45	11:04
TTTI Cost	\$62	\$268	\$288

Based on TPCX-like benchmark test performed internally

How SQream Works

SQream was built to harness the raw brute-force power and high throughput capabilities of the GPU, with MPP-on-chip capabilities and a fully relational SQL database. While other solutions rely on a fixed set of resources for running all scenarios, SQream allocates more resources to handle a varied workload, by combining available CPU, GPU, RAM, and storage resources. Additionally, SQream's ANSI SQL delivers faster time-to-value, with no need to bring in outside specialists, or train technical teams on new systems.

SQream is available on AWS, Alibaba Cloud, Google Cloud and Azure.

- **Accelerated analytics** on prem, on the cloud and at-the-edge, with superior cost-performance.
- **Rapid Total Time to Insight (TTTI)** on time-sensitive data, delivering optimal business value.
- **Scales over any size data** - from terabytes and into the hundreds of petabytes, growing with your needs.
- **Efficiently performs complex operations** on massively parallel GPU cores.



Powered By GPUs

Massive parallel engine
Faster and smaller than CPUs



Massively Scalable

Terabytes to petabytes
Not limited by RAM



Extensible for AI / ML

Python, AI, Jupiter, etc.
Built for data science



SQL Database

Familiar ANSI SQL
Standard connectors

Industries

SQream counts among its customers leading global enterprises such as Orange, LG U+, Live Action, Amdocs, Alibaba and others. Industries which rely on SQream include: Telecom, Banking, Manufacturing, Retail and more.