



GPU-Accelerated Data Analytics Solution

NVIDIA Inception Member: SQream



Industry Challenges

As companies seek insights from their data, existing infrastructure can struggle to handle increasingly large datasets, extensive data transformation tasks, and complex queries that push compute resources to their limits. When there are requirements for terabytes or petabytes of data, capacity constraints negatively impact the quality and usability of insights, hindering success.

Solution and Impact

SQream helps companies tackle the enormous task of extracting value from massive datasets. Its solution lets businesses analyze up to 100X more data and execute queries 20X faster. This efficiency translates into a substantial reduction in CO2 emissions and infrastructure needs.

SQream's GPU-patented SQL engine, developed on NVIDIA data center GPUs and based on NVIDIA® CUDA® software, seamlessly processes and analyzes large-scale datasets. This delivers tangible business impact. Customers report reductions in resource demands, deploying only one-eighth of the usual infrastructure and saving 10 percent in resource expenditure.

By integrating machine learning and data analytics within the same database, SQream ensures that customer data remains secure and accessible while delivering a streamlined solution that transforms data into actionable, impactful insights.

Ready to Get Started?

To learn more about SQream, visit their [website](#) or watch a [solution demo](#).

[NVIDIA Inception](#) is a free program designed to help startups accelerate innovation and growth. Members get access to developer resources and training, exclusive pricing on NVIDIA hardware and software, and exposure to the venture capital community.



Summary

SQream, a data processing and analytics acceleration platform, leverages patented GPU-based technology to process and analyze large and complex datasets, enabling organizations to uncover meaningful patterns, trends, and insights for improved operational efficiency and strategic decision-making.

Solution Categories

> Big data analytics

NVIDIA Solutions

> NVIDIA T4, K80, A10, A100, H100, L40S, V100, and P100 Tensor Core GPUs

> NVIDIA CUDA and Thrust

