

# ACCELERATED ANALYTICS FOR AI/ML

*"I saw with regret, (and all scientific men have shared this feeling) that whilst the number of accurate instruments was daily increasing, we were still ignorant."*

Alexander von Humboldt (1769–1859)

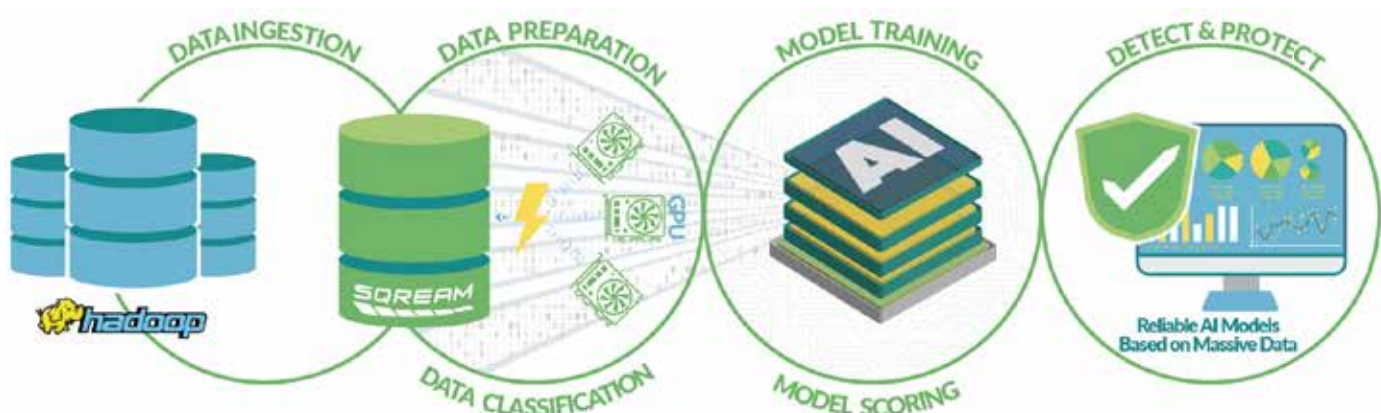
Artificial Intelligence and Machine Learning have become popular due to their ability to both optimize processes and provide the deep insights that push enterprises and industries forward. One of the essential elements of the AI/ML pipeline is data. Data is critical for training, testing and validating AI/ML algorithms. In fact, the more data you feed AI/ML algorithms, the better they perform and the more accurate and significant the results.

Yet most enterprises are challenged with accessing, preparing and analyzing their massive and growing volumes of data. In fact, industry estimates show that only 10-20% of massive data stores are actually analyzed. While huge investments are being made in the AI/ML pipeline, the need for an efficient mechanism to ingest, access and analyze very large data stores is still an ongoing challenge. Lacking this data may reduce significantly the accuracy of insights due to missing crucial variables. So it really comes down to two questions:

Are you able to analyze **enough of your data** to deliver new and critical insights from your AI/ML models and algorithms?

Do your data segmentation, classification and analytics **take too long** to be useful for you to drive your AI/ML models and algorithms?

SQream DB accelerates massive data analytics, for more accurate and reliable AI/ML models.



# ANALYZE MORE OF YOUR DATA, FASTER



## Query Acceleration

SQream DB utilizes GPU acceleration to ingest 3 TB/hr and run SQL queries in a fraction of the time. The powerful technology breezes through trillions of rows of data, getting you results significantly faster.



## Scalable AI/ML

By decoupling compute resources from storage, SQream DB scales to virtually unlimited data sizes. Data scientists can analyze significantly more data without having to further invest in and maintain complex and expensive solutions.



## More Accurate Predictions

SQream DB easily joins varied datasets from different sources, so the data can be sliced, diced, and cross-referenced to achieve more comprehensive model training and accurate AI/ML algorithms.



## Empower Your Data Teams

SQream DB provides data scientists and analysts unrestricted access to significantly more data, as well as the ability to classify and segment their data without time-consuming preparation.

## SEAMLESSLY INTEGRATES INTO EXISTING DATA PIPELINES

