Equalum Stream Data Integration for Snowflake Cloud Data Platform

Equalum makes data ingestion easy for the Snowflake Cloud Data Platform. Equalum's Stream Data Integration capabilities seamlessly connects to any data source and efficiently extracts data changes in real-time, provides rich transformation capabilities of data in motion, and delivers the relevant data output to Snowflake's Cloud Data Platform. In addition, Equalum is the only product in the market today that provides Change Data Capture (CDC) with Real-time data ingestion into Snowflake.

Performance & Scalability

Legacy ETL solutions relying on batch processing, are not adequate for the organization poised to make use of real-time analytics. As the volume of ETL jobs grows, both cost and risk of failure (job timeout, data loss) increase exponentially. Open-source big data frameworks like Apache Spark are an appealing alternative, but require a high degree of specialized expertise to implement successfully, driving unexpected time and cost.

Zero Coding

For an organization pursuing real-time analytics, the ability to configure and run jobs centralizing operational data from new sources, or to enrich or correlate data in new ways, is essential. Performing these tasks with Spark requires a high degree of Scala expertise to code the jobs, implement pre-flight testing, and manage and monitor jobs post-implementation.

Right Source, Right Format, Right Time

Making data useful for real-time analytics requires that the data be efficiently sourced from a variety of enterprise systems (e.g., business applications,files, databases) and appropriately transformed for direct consumption in an analytics environment. Big data ingestion tools typically offer limited integration support for non-database sources and inadequate support around critical data transformation.

✓ THE EQUALUM VALUE

Equalum harnesses the power and scalability of Spark in an end-to-end solution. Equalum's proprietary engine leverages a fully-managed Spark cluster (including installation and configuration, provisioning, and performance tuning) and other open-source technologies in order to dispatch, parallelize, and monitor data ingestion jobs – ensuring optimal performance and maximum throughput.

✓ THE EQUALUM VALUE

Equalum's zero-coding approach enables users to configure dataflows, perform enrichment and transformation operations, and specify data targets with a business-friendly drag-and-drop UI.

✓ THE EQUALUM VALUE

Equalum offers out-of-the-box integration with database and non-database data sources (including business applications, messaging queues, and raw data files) for both batch and streaming ingestion. Additionally, Equalum supports transformation on data in motion to optimize downstream analytics operations enabling enterprises to correlate, aggregate,and summarize data facilitating real-time analytics insights.

CASE STUDY | Equalum Technology In Action

A Fortune 100 industrial manufacturing company used Equalum to replace their existing MapReduce-based ETL process – and saw **performance increases of 15x**, a **reduction in development time of 70%**, and a total **10x reduction in total cost of ownership**.

Schedule a demo today.

info@equalum.io

WWW.EQUALUM.IO