BIyond helped Sisense scale on AWS

Background

Sisense is a leading BI & Analytics platform provider with a unique and proprietary In-Chip ® engine that enables organizations to instantly reveal insights from complex data.

BIyond – as a certified AWS solution provider and an expert in AWS Data Analytics services - was chosen by Sisense to plan and implement Sisense's Analytics platform on AWS, scale it over AWS Redshift, benchmark its performance, and map potential challenges and configuration methods using the experience BIyond has gathered throughout time.

The Challenge

Sisense is a market leader in BI & Analytics. Its platform is used by thousands of organizations and business users across the globe with the need to continue to support exponentially growing volumes of data and data sources.

Sisense was looking to expand its product and introduce Real-Time Analytic capabilities over flexible and scalable data warehouse systems to enable in-depth analysis of the data. This required testing several parallel approaches on AWS Redshift, of which BIyond had been tasked with.

The Solution

The new real time capability Sisense introduced in its product was built on Amazon Web Services, using state-of-the-art Big Data technologies, such as Amazon Redshift.

This technology stack took into account three major concerns:
- Flexibility
- Scalability
- Cost

The solution supports reports and dashboards for business users and deep data analyses using Sisense's analytics platform on AWS Redshift containing tables with billions of records.

The Results

According to Leon Gendler, Sisense's VP of R&D:
"Our platform needed to support real time analytics over scalable cloud infrastructure. This was the motivation to plan and implement the solution with the support of BIyond's experts. We now are able to cover all aspects of our customer's business needs, providing long term scalability and flexibility without affecting performance as the data grows. BIyond provided us with in-depth insights on how to best configure and implement Redshift and retrieve best results using Sisense - based on various usage scenarios, enabling us to continue to provide excellent support to our customers as they migrate to Big Data solutions.