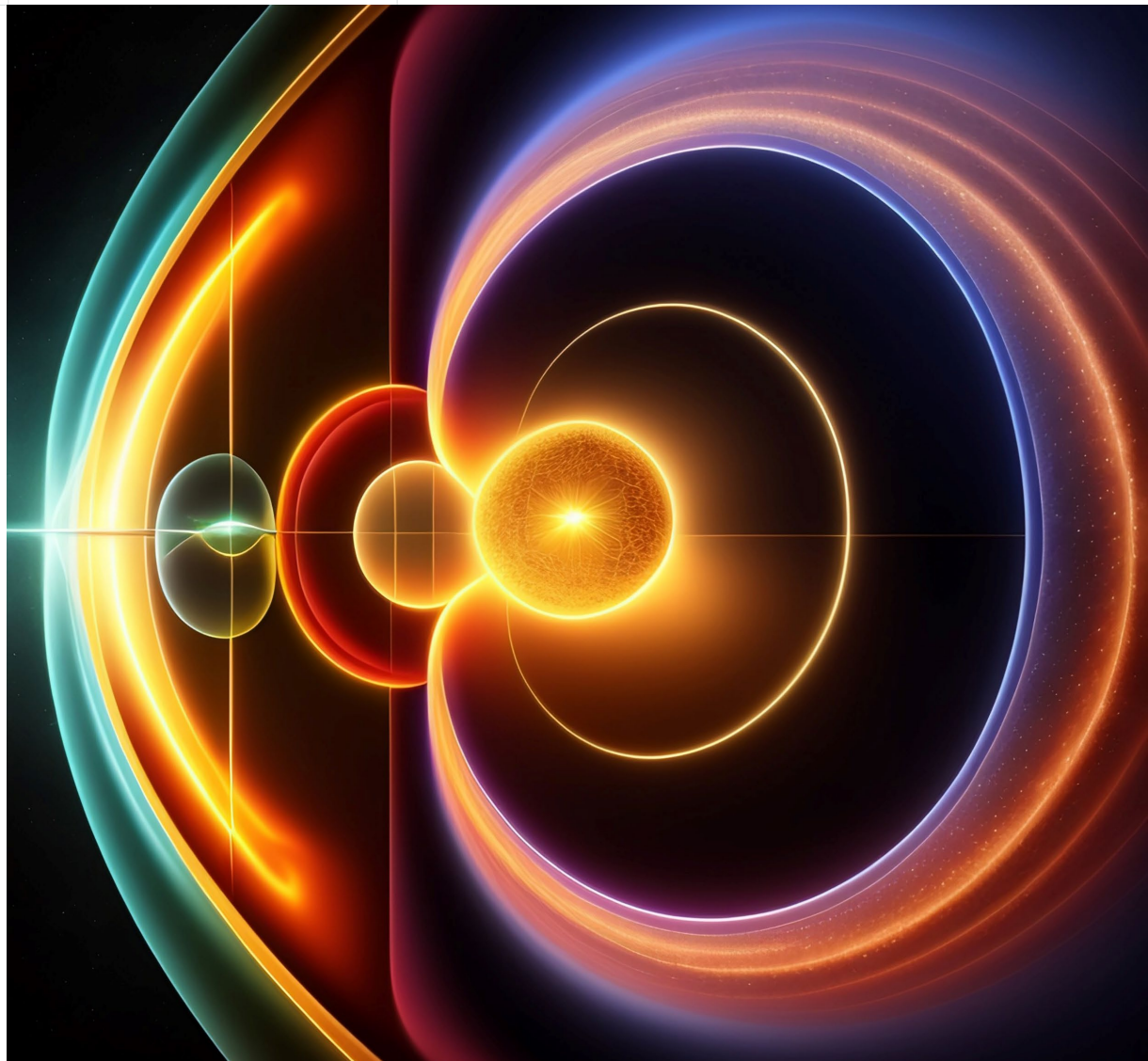


## Modernizing Data Management and BI Reporting for a Shoes and Accessories Retailer: **Leveraging AWS Quicksight**

Customer is a global Canadian retailer that owns and operates a worldwide chain of shoes and accessories stores with nearly 3000 stores in 100+ countries.

Their business objective was to build an end to end pipeline for business intelligence solutions, to move the data to data lakes and to utilize the data to develop dashboards across business functions.



## The Background

Our Client is a global Canadian retailer that owns and operates a wide chain of shoes and accessories stores, that wants to build end to end pipelines for BI solutions. Solution should entail moving the data to data-lakes and transforming them to data marts, which would be utilized for reports and dashboards. Also, prepare dashboards for various business functions.

## Key Challenges

01

Client's data is stored in multiple formats such as columnar, json, etc. and the current system lacks flexibility in the data handling.

02

Owing to the increasing nature of business data volume, absence of an end to end BI pipeline solution poses difficulty to store the data efficiently and is detrimental to the data utilization, dashboard development processes.

03

Less visibility into various metrics such Sales, margins, inventory, etc.

04

Current system requires continuous monitoring which leads to escalating monitoring and maintenance costs.

## Our Solution

Tiger Analytics was chosen by the client as a key partner to drive the development of essential business intelligence pipelines, dashboard development etc.

The project involved the following:

Collaborating closely with both business stakeholders and IT stakeholders to steer strategic initiatives and execute tactical use cases.

Identifying all data sources needed to construct relevant KPIs and mapped data sources to the target database

Performing data transformation and analysis including statistical modeling and scoring

Developing dashboard mock-ups/ wireframes for identified dashboards with defined views, charts and filter criteria

Building necessary data pipelines on AWS cloud platform to enable production deployment

This comprehensive solution aims to leverage modern cloud-based technologies and best practices to provide the client with an efficient and scalable solution for their business intelligence needs.



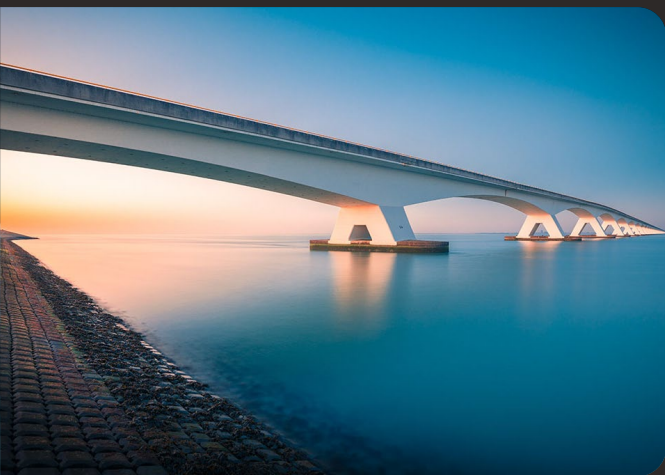
## Tech Stack

/ AWS Quicksight

/ AWS S3

/ AWS Glue

## Value Delivered



AWS services simplified the dashboard development process by building an end to end business intelligence pipeline solution. This resulted in better visibility in the metrics, significant reduction in the monitoring costs.

## About Us

Tiger Analytics is a global leader in AI and analytics, helping Fortune 1000 companies solve their toughest challenges. We offer full-stack AI and analytics services & solutions to help businesses achieve real outcomes and value at scale. We are on a mission to push the boundaries of what AI and analytics can do to help enterprises navigate uncertainty and move forward decisively. Our purpose is to **provide certainty to shape a better tomorrow.**

Being a recipient of multiple industry awards and recognitions, we have 4000+ technologists and consultants, working from multiple cities in 5 continents.

[www.tigeranalytics.com](http://www.tigeranalytics.com)

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