Modernize your **data**, unlock new possibilities

Elevated cloud data excellence for a fortune 500 cloud data services company

The client is an American technology company specializing in cloud data services and management. Since 2012, the company has been included in the Fortune 500 list of top businesses. They sought to enhance operational efficiency by modernizing their existing data and analytics platform. With a history of successfully completing similar programs for other global players, they turned to HCLTech as the right partner.

The Challenge:
Breaking free from legacy platforms

The client wanted to transform their technology landscape to stay up-to-date with customer needs and improve operational efficiency. This included modernizing existing data and analytics platforms, streamlining the enterprise data warehouse hosted on the Oracle DW Platform, and migrating the EDW from Oracle to Snowflake Cloud Datawarehouse on Azure. Additionally, they needed to implement end-to-end data flows for clients' functional business units using a cloud-based analytics platform. This was accomplished using IBM DataStage and Pentaho as ETL (1918 ETL jobs) and OBIEE as reporting (300 reports). Furthermore, Informatica IICS was used for batch processing while HVR was utilized for real-time and CDC purposes.

The Objective:
Staying ahead with technology transformation

Transform the client's technology landscape to stay up-to-date with customer needs and improve operational efficiency by modernizing existing data and analytics platforms and migrating data to new systems.

The Solution:
Migrate the data to Snowflake platform on Azure cloud

HCLTech was able to help the client streamline their data management processes and integrate intelligent capabilities. This was done by assisting with the global adoption of Snowflake, a chosen data platform on Azure cloud, as well as enabling standardization and automation in legacy data platform migration to Snowflake.

We also modernized 600 Oracle tables, 60 HANA objects, and 1918 ETL jobs to Snowflake cloud on Azure. Lastly, we enabled DV layer access for up and downstream consumption through views, multi-layer data security access/authorizations, and provisioning of sandbox area for data science purposes.

The Impact:
Modernized data to deliver modern solutions to customer

HCLTech provided the client with advanced data and analytics capabilities and cloud migration strategies which had a positive impact. The implementation of Snowflake on Azure enabled an adaptive and scalable platform, allowing it to meet changing needs. Additionally, legacy technologies were replaced with modernized ETL processes in order to optimize data processing. Lastly, advanced analytics solutions were leveraged in order to enable sales predictions.

HCLTech