Implementation of the Data warehouse for a well-known car-sharing company

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Service offered: Implementation of a centralized data warehouse with data engineering service to enhance productivity

Industry: Automotive

BACKGROUND

The client holds a well-known car-sharing company in the U.S. providing affordable and convenient car services. The client approached us to implement a centralized data warehouse with data engineering services to minimize administrative overhead with felicitous data processing capabilities.

They also want to attain accurate data analysis and reporting, data normalization, data migration and synchronization, reduced anomalies, and data redundancy, and so on.

SOLUTION IMPLEMENTED

- Our team had a detailed discussion session with the client and came up with the implementation of a cloud-based data warehouse with a QA engineering framework with real-time data streaming capabilities through visualization and big data analytics

- The framework paved the way for handling and analyzing large volumes of data to enhance productivity within the data ecosystem.

- The robust cloud-based data warehouse reduced both current and historical data redundancy and provided data normalization with perfect historical insights for business analytics.

OUTCOMES

2x Faster decision-making with predictive analytics

35% Enhanced Car availability for allocation

3x Better accuracy in demand forecasting

The client was happy with the centralized data warehouse that was implemented with felicitous data engineering services. They were able to gain better insights into business processes with seamless data analytics and reporting capabilities. With the better management of data volumes and smooth processing of activities, the client was able to expand their car-sharing service operations to other parts of the globe within a short period.

Technology Used

Google Cloud

CLOUDERA

snowflake