

Modernization of Koton's Data Platform with Google Cloud

Oredata and Koton collaborated using Google Cloud Platform products to develop data pipelines and AI models. In this project, the specified data sources gained the opportunity of central management, querying and modeling.

The challenge

In Koton's current structure, data was stored in a different system. The main goal was to run artificial intelligence and machine learning algorithms from this data. Since in-house systems did not allow this, the data in the existing system had to be transferred to the GCP environment. In addition, workflows had to be monitored and planned.

The solution

Prepared pipelines using fully managed services to move data from the on-prem system to BigQuery and scheduled transfers at requested periods. A solution for business needs was provided with a sustainable, scalable, manageable and high-performance structure. Training was given on machine learning and Artificial Intelligence products.

The result

The regular transfers of DWH tables from the on-premise system to the Google Cloud environment have been completed. These transfers include both historical and daily data. Control of the transfers has been ensured via Cloud Composer, providing the ability to intervene in case of errors. AI and ML training sessions have been conducted using the transferred tables.

“Within the scope of this project, in addition to moving corporate data to the cloud, steps were taken to develop and increase the human resources capable of carrying out big data and artificial intelligence studies within KOTON”

Ferdi Eren, BI & Reporting Manager, KOTON



About KOTON MAGAZACILIK

Koton started with a 25 square-meter store opened in 1988 in Kuzguncuk, Istanbul, continue its story as an international fashion and retail brand today. They are the fashion and retail pioneer of Türkiye with their collections reflecting the latest trends.

Vertical/horizontal solution: Retail & Wholesale

Primary project location: Turkey



About Oredata Yazılım Limited Şirketi

OREDATA's vision is to be the leading provider of analytics solutions, transforming a wide range of data into insightful information.



Products

Google Cloud Platform