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Case Study

Financial Services Company

A national financial organization needed to improve the speed and efficiency of its Microsoft analytics infrastructure.

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Technology

- Azure Analytics
- Azure Analysis Services
- Azure Data Warehouse
- Azure Data Factory
- Power BI

The Challenge

The client already had an Azure data warehouse in place, as well as several Azure Data Factory pipelines that fed this data warehouse via ETL. However, the client couldn't make optimal use of its resources with this setup: high service costs were being charged even when analytics workloads weren't running.

The Solution

Datavail assisted by building three separate applications that controlled the execution of analytics workloads, so that these services could be scaled up and down intelligently and automatically. In addition, Datavail helped the client make better use of Azure Analysis Services, a tool for building and sharing enterprise-class data models.



The Results

- Cost savings, automated processes and increased speed and efficiency.
- Ability to visualize large data sets in a self-service tool for better human consumption.
- Provided the capability of seeing data going back 20 years. In this way, the company is able to view historical trends over time to make better decisions for the present and future.
- Built machine learning to predict customer activity based on variables such as demographics, job titles, etc. which lead to more focused marketing efforts.
- Datavail is also providing support to the company's Power BI group.