Capgemini

SUPERIOR **DATA INTEGRATION**

WITH **AZURE DATA FACTORY**

A technology company needed a modern system to simplify access, use, and maintenance of data

CHALLENGES

- The company's finance support team was using a legacy framework for extracting headcount data and needed a better and modern alternative with greater security.

- The team analyzed multiple procedures and SSIS (SQL Server Integration Services) packages but, faced with multiple options and a lack of experience with modern technologies, did not know which solution to choose.

- The company needed to migrate sensitive data and receive approval for continued use, compliant with the GDPR (General Data Protection Regulation).

Industry: **Technology**
Location: **North America**

Technology and services:
Microsoft Azure Data Factory, Microsoft SQL Server, PaaS

SOLUTION

- Capgemini delivered a solution using Microsoft Azure Data Factory for effective management of sensitive data and reports through a fully managed, cloud-based integration service.

- Utilized Azure storage containers as an intermediate layer and Azure Integration Services to align with and store the data in the Microsoft SQL Server using the Data Factory's pipelines

- Identified the required data, completed finance data-privacy approvals, ensured servers met GDPR requirements, and restricted permissions for greater security

For more information, please click the below link:

https://www.capgemini.com/us-en/about-us/technology-partners/microsoft/

RESULTS

- Capgemini's overall effort delivered a modern and safer system for accessing sensitive employee data.

- Eliminated the infrastructural challenges of working with big-data streams providing data management, processing, and delivery services

- Successful migration of all classic SQL (structured query language) jobs to Azure Data Factory pipelines, simplifying access, use, and maintenance of data

- The migration paved the way for the finance support team to utilize and get experience with other Microsoft solutions, like Azure PaaS (Platform-as-a-Service), for different business needs.

About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided every day by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of 360,000 team members in more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering, and platforms. The Group reported in 2022 global revenues of €22 billion (about $23 billion USD at 2022 average rate).

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