denodo

INDUSTRY

Financial Services - Banking

PROFILE

India's largest private sector bank providing banking and financial services.

Largest Bank in India Leverages Logical Data Fabric to Accelerate Multi-Cloud Adoption

India's largest private sector bank started its multi-cloud journey with a cloud adoption framework that included people, process, and technology.

This approach, which was cloud-agnostic, was intended to build skills, accelerate deployment, optimize workloads, and follow best practices to drive business capability and agility while supporting regulatory compliance and risk and adhering to security requirements.

In working to establish a more agile environment that would better support the bank's current and future analytical business needs, they saw the biggest obstacle being the vast number of systems that were being used across the organization and the complex, slow data integration methods that were supporting customer centricity and other business needs.

The bank operates over 300 core banking systems that cover a full spectrum of business functions, all of which contain petabytes of heterogeneous data. However, the bank realized that only about 30% of this enterprise data was being utilized through the current data warehouse.

Over 1000 employees consume the data from these systems daily through reports and dashboards, and overall, about 12,000 people need to consume this data in real time. To get a good understanding of a customer, data is needed from across domains of the business.

Business Need

The bank wanted to move its on-premises banking systems to the cloud, to modernize its technology infrastructure and increase the consumption of data in real-time throughout the bank.

This strategic mission was supported by a pragmatic vision comprising of three goals: The data should be always available, adaptive to change, and capable of enabling business decisions.

They needed data to be made more available so that it could support a wide variety of business needs, from regulatory compliance to financial analysis and reconciliation. They also needed the data to be delivered more easily.

The bank needed to develop more effective data management approaches to enable greater business agility, to improve competitive advantage, and increase the quality of the digital services that the bank provided to customers.

To measure its success in achieving these goals, the bank instituted KPIs for analytical processes, operating expenses, and the business impact.

Finally, they wanted to minimize business disruption during the transition to cloud and ensure business continuity through the modernization process.

The Solution

The bank introduced a logical data fabric established by the Denodo Platform, powered by data virtualization.

This logical approach enables any type of data at any location to be quickly and easily connected to and integrated with other data of any type at any location. This approach accelerated data delivery and increased productivity.

The Denodo Platform includes a web-based data catalog that provides quick and easy access to reporting metadata to data consumers across the organization.

The logical data fabric provides centralized governance and control of data within a highly distributed data ecosystem and across multiple cloud and on-premises environments.

The Denodo Platform is also cloud-agnostic, so it provides full support for Microsoft Azure, Amazon Web Services (AWS), and Google Cloud Platform (GCP).

This solution further overcomes data delivery delays by leveraging smart caching techniques for frequently used data, which results in better performance and an overall better experience for end consumers.

The logical data fabric enables faster integration and delivery of data and enables a wide variety of business needs to be easily and quickly met.

Benefits

The Denodo Platform enabled the bank to introduce a more expedient method for delivering critical data within a short time frame. The solution provides:

Cost efficiency	Better user experiences	Scalability	Boosted productivity

The solution has also helped to simplify the bank's journey to the cloud. The Denodo Platform minimized impact on the business during the cloud transition by maintaining consistency in models and enabling existing technology to be leveraged.

MEET SOME OF OUR CUSTOMERS

Denodo is a leader in data management. The award-winning Denodo Platform is the leading data integration, management, and delivery platform using a logical approach to enable self-service BI, data science, hybrid/multi-cloud data integration, and enterprise data services. Realizing more than 400% ROI and millions of dollars in benefits, Denodo's customers across large enterprises and mid-market companies in 30+ industries have received payback in less than 6 months.

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