Modernize your Datawarehouse

1. **Offer Summary:**
Mindtree helps organizations build the foundation for a data-driven enterprise by moving legacy data infrastructure to a data lake on the Azure Cloud platform. We help build a coherent information architecture to ingest a variety of data, both external and internal into a single platform at ease while also addressing the data quality, access and security issues.
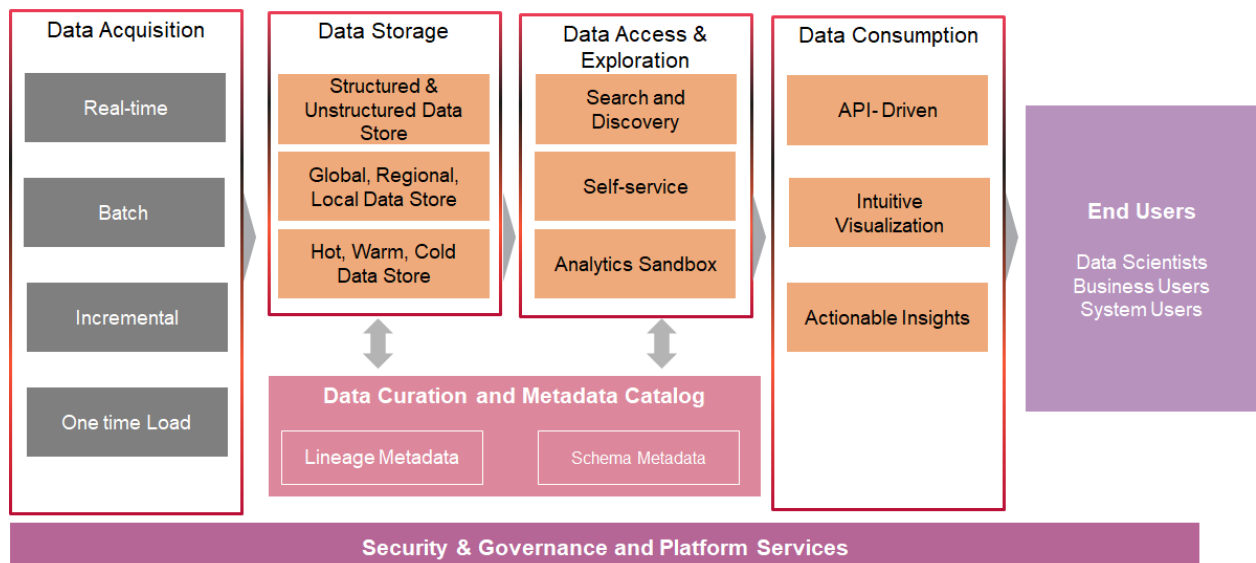
2. **Offer Description:**
For most organizations, their data infrastructure is scattered across a multitude of operational systems including data warehouses. As both structured and unstructured data continues to grow, the existing data infrastructure is falling short of expectations in delivering accurate and timely insights. At Mindtree, we help organizations move from their legacy data infrastructure to a modern data lake using Azure Cloud.

We help you select the right operating model for Data Lake such that the existing data warehouse supports existing reporting, workload and data, while new data lake supports new analytical workload and data.

- Complement Model where a data lake is used alongside a data warehouse. This supports new use cases such as multi-structured data analysis and predictive analytics
- Transform Model where a data lake progressively replaces relational-databases. This helps transform a company into a data-driven digital business with increased agility and improved efficiency

The building blocks for Data Lake Solution are represented below:

Mindtree offers the following services for modernizing the data warehouse:

- Data Strategy Definition and architecture blueprint
- Data Fabric for unified data management across sources and resources

- Data Lake Operating Model Design, Roll out, and Capability Buildout
- Analytics sandboxes for test and learns
- Managed Services

Why Mindtree:

- Accelerators for Data Ingestion from enterprise, external and open data sources
- Rapid data preparation and presentation
- Pre-built industry-specific data models and definitions
- Data lake reference architecture
- Analytics sandbox tailored for specific business needs across LOBs with preinstalled tools and utilities

Key Benefits achieved:

- Lower costs for data warehousing, systems integration and data quality
- Accelerated data preparation and analytics to improve speed of business
- Enables customers to do rapid experimentation at lower costs