

Azure Databricks

1. Offer Summary

Mindtree helps organizations accelerate the journey from Data Engineering to Data Science using Azure Databricks. We do this by building a strong data foundation for operationalizing AI using the Apache Spark based analytics platform optimized for Azure.

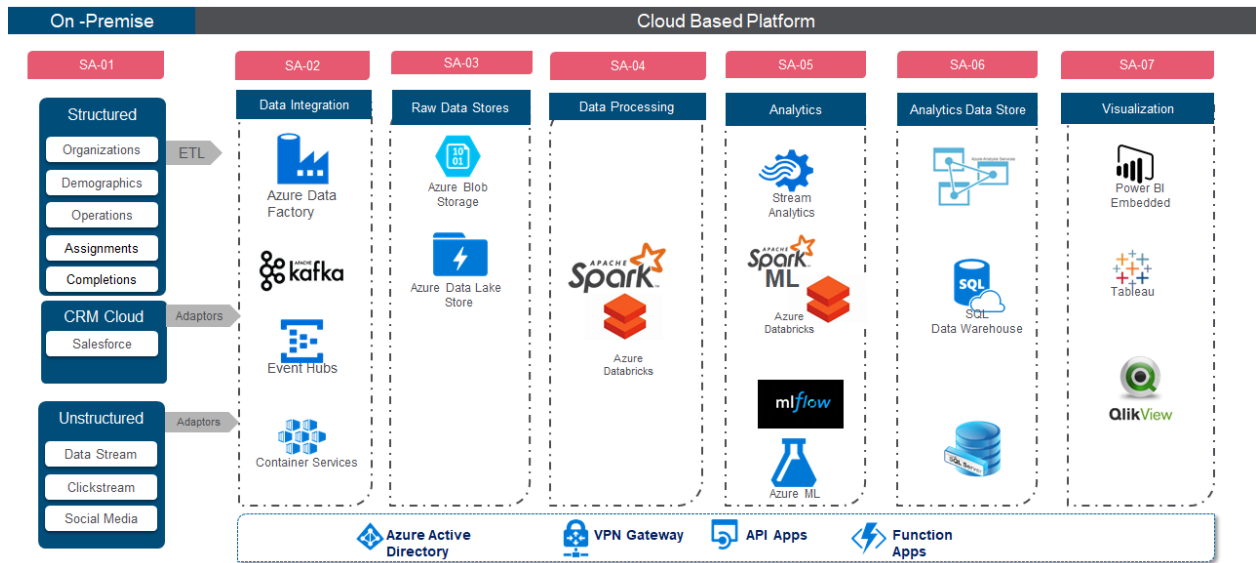
2. Offer description

The hardest part of building an intelligent enterprise isn't AI, it's Data. This is because the surrounding data infrastructure for data preparation is vast and complex because of which preparation and aggregation of large datasets becomes a major challenge. As a result, both data engineers and data scientists end up spending a lot of time to bring AI projects to life. Mindtree helps organizations use the power of Azure Databricks which is an Apache Spark based unified analytics and collaborative platform to engineer data and generate productive insights.

We support organizations across the following use cases for adopting Azure Databricks:

- Building a new data ecosystem: For those who lack a significant data infrastructure and rely on basic reporting and spreadsheets for insight
- Migrating from Spark to Databricks: For those who are using Apache Spark today on Hadoop or Cloud and looking to improve performance of Spark by using Azure Databricks
- Modernizing the data ecosystem with Spark: For those having a legacy and complex big data infrastructure which hampers data engineering and science.

Azure Databricks Solution Architecture



We offer the following Data Engineering and Data Science services to help you maximize value from your data.

- Data Engineering:
 - Data Infrastructure and Cloud Modernization
 - Data Design and Architecture
 - Data Lake Implementation
- Data Science:
 - Customer 360 View
 - Operationalizing ML at scale

- Managed Services

Why Mindtree:

- 9 Clients and more in POC mode across US and Asian markets
- 100+ Mindtree Minds trained in Databricks (60+ working on projects)
- 43 Databricks certified Mindtree architects and developers
- End-to-end services including Consulting, Design, Development, and Production Support

Key Benefits achieved:

- Build a scalable data infrastructure that can handle batch and streaming datasets and offer faster processing for data loads
- Enable just-in-time data warehousing
- Enable rapid experimentation and start building machine learning models quickly