

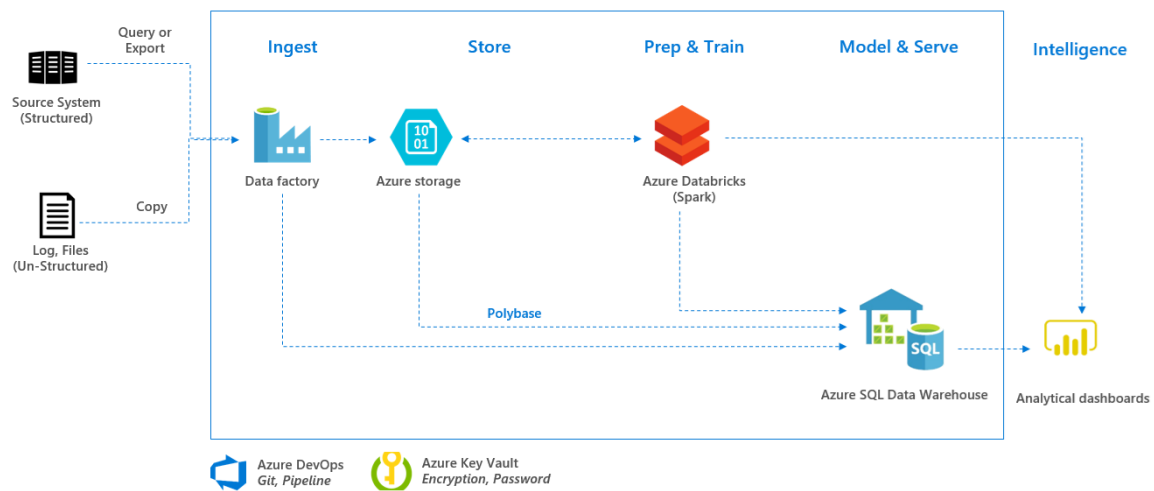
Data Analytics Platform

Your information can be managed for efficiency and value

MFEC takes the approach of designing a solution from Top-down strategy with mixed the technology and fulfill our solution with the Business expert to generate data and analytic platform. MFEC & Microsoft will blend the technology together since the foundation until business's user view. MFEC & Microsoft promise to provide team with experiences in the Big Data Project.

The solution will address customer's requirements of acquiring a data platform cloud solution that is effective, efficient & fast, and leveraging on enhanced business requirement which driven by big data solution by Microsoft. Our solution will also help to enhance the convenience for data platform and analytics in Azure environment.

Solution overview



Key Technologies

Data Analytics Platform



Azure Data Factory

A cloud-based data integration service that allows you to create data-driven workflows in the cloud for orchestrating and automating data movement and data transformation. Using Azure Data Factory, you can create and schedule data-driven workflows (called pipelines) that can ingest data from disparate data stores.



Azure Storage

Microsoft's cloud storage solution for modern data storage scenarios. Azure Storage offers a massively scalable object store for data objects, a file system service for the cloud, a messaging store for reliable messaging, and a NoSQL store.



Azure Databricks

An Apache Spark-based analytics platform optimized for the Microsoft Azure cloud services platform. Azure Databricks is a fast, easy, and collaborative Apache Spark-based analytics service. For a big data pipeline, the data (raw or structured) is ingested into Azure through Azure Data Factory in batches, or streamed near real-time using Kafka, Event Hub, or IoT Hub.



Azure SQL Data Warehouse

A cloud-based Enterprise Data Warehouse (EDW) that uses Massively Parallel Processing (MPP) to quickly run complex queries across petabytes of data. As you integrate and analyze, the data warehouse will become the single version of truth your business can count on for insights.



Always Exceed Expectation