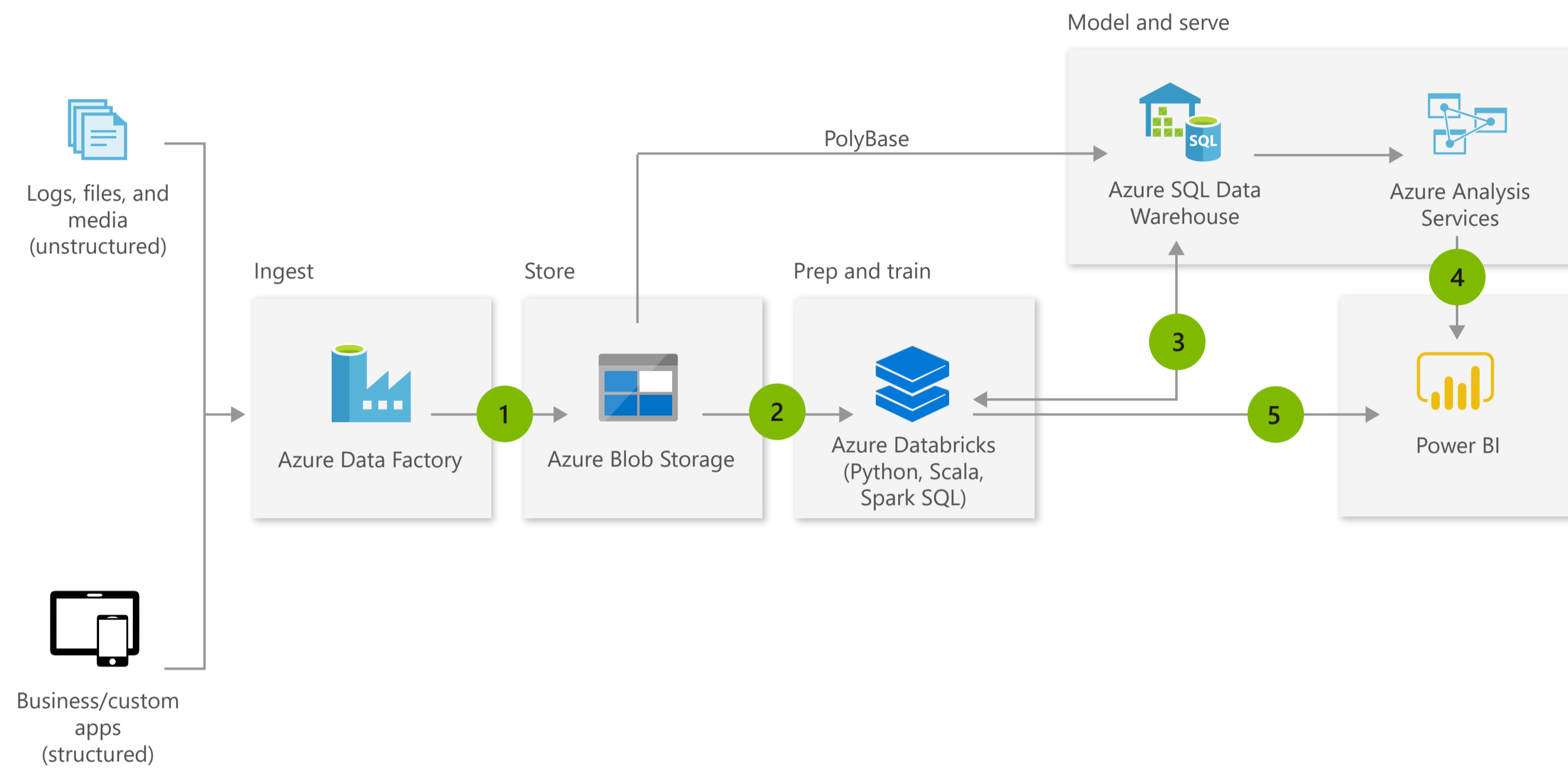


Modern data warehouse



Architecture overview

A modern data warehouse lets you bring together all your data at any scale easily, and to get insights through analytical dashboards, operational reports, or advanced analytics for all your users.

- 1 Combine all your structured, unstructured and semi-structured data (logs, files, and media) using Azure Data Factory to Azure Blob Storage.
- 2 Leverage data in Azure Blob Storage to perform scalable analytics with Azure Databricks and achieve cleansed and transformed data.
- 3 Cleansed and transformed data can be moved to Azure SQL Data Warehouse to combine with existing structured data, creating one hub for all your data. Leverage native connectors between Azure Databricks and Azure SQL Data Warehouse to access and move data at scale.
- 4 Build operational reports and analytical dashboards on top of Azure Data Warehouse to derive insights from the data, and use Azure Analysis Services to serve thousands of end users.
- 5 Run ad hoc queries directly on data within Azure Databricks.

Products



Microsoft Azure also supports other Big Data services like Azure HDInsight and Azure Data Lake to allow customers to tailor the above architecture to meet their unique needs