AzBrix

Automated Data Pipeline Service

Get immediate value from your data - Automate data delivery with Azure and Databricks

Connect with various data sources on-premise or in the Cloud, store in a DataLake, build and transform through Databricks and consume or Expose data through Power BI, Azure share or adhoc queries.

All these resources are deployed in Azure with just few clicks and with configuration through Azure DevOps pipelines. The solution follows the architectural, data pipeline and coding best practices. We have automated the platform work, so you can start with your business use cases.

Benefits of Automated Data Pipeline Services Solution

Jump Start
Start with defining the source and target schema through YAML files and provide the configurations.

Transformation
Transform your data based on the configuration settings. The databricks generic notebook used to transform data from Raw to Staging and Staging to Curated datalake zones.

Security
AAD service principal accounts used to communicate between databricks and datalake. Azure key vault is used to store the connection details and read only access is shared between services.

Data Validation
Advances level data validation techniques used to validate the schema, missing values, datatypes, etc.

Deployment
Deploy end-to-end data pipeline with all Azure resources and databricks codes in just a few clicks

Monitoring
Minimising outages by utilising Azure's Cloud native tools to perform proactive monitoring.

Ingestion Framework Accelerator
Source schema is read and modeled in the metadata repository which then fuels the data ingestion pipelines.

Tiers of Service
Choose the tier of service aligned to your business requirements.

Integration Runtime
Used Integration Runtime (Azure, Self-hosted and Azure SSIS) used to connect with various data sources on-prem or cloud services.