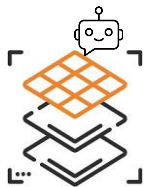


Tiger Data Fabric

Aug 2022

Tiger Data Fabric – Introduction



“Tiger’s Accelerator for Implementing Data Lake & Data Fabric on Microsoft Azure in a highly scalable manner with powerful Governance Capabilities at it’s core”.



AGILITY WITH SELF-SERVICE

Cut-down the time it takes for setting up new Data Pipelines from **Days & Weeks to Few Minutes**.



MEDALLION DATA LAKE

Follows Data Engineering **Best Practices** & based on Medallion Data Lake Architecture (**Bronze** **Silver** **Gold**).



SCALABLE CLOUD ARCHITECTURE

Highly Scalable & Service Oriented Architecture – developed using different Azure PaaS & Open Source Technologies.



SUPPORT MULTIPLE DATA SOURCES

Supports **Extracting and Ingesting Massive Volumes of Multi-Structured Data** from RDBMS, File System, SFTP & different Cloud Storages.



TRANSFORMATION CAPABILITIES

Capabilities to perform **Transformation Operations** like data cleansing, validation, quarantine, profile & merge.



GOVERNANCE CAPABILITIES

In-built capabilities for metadata & lineage **Cataloging, Logging, Notification** & Operational **Reporting**.

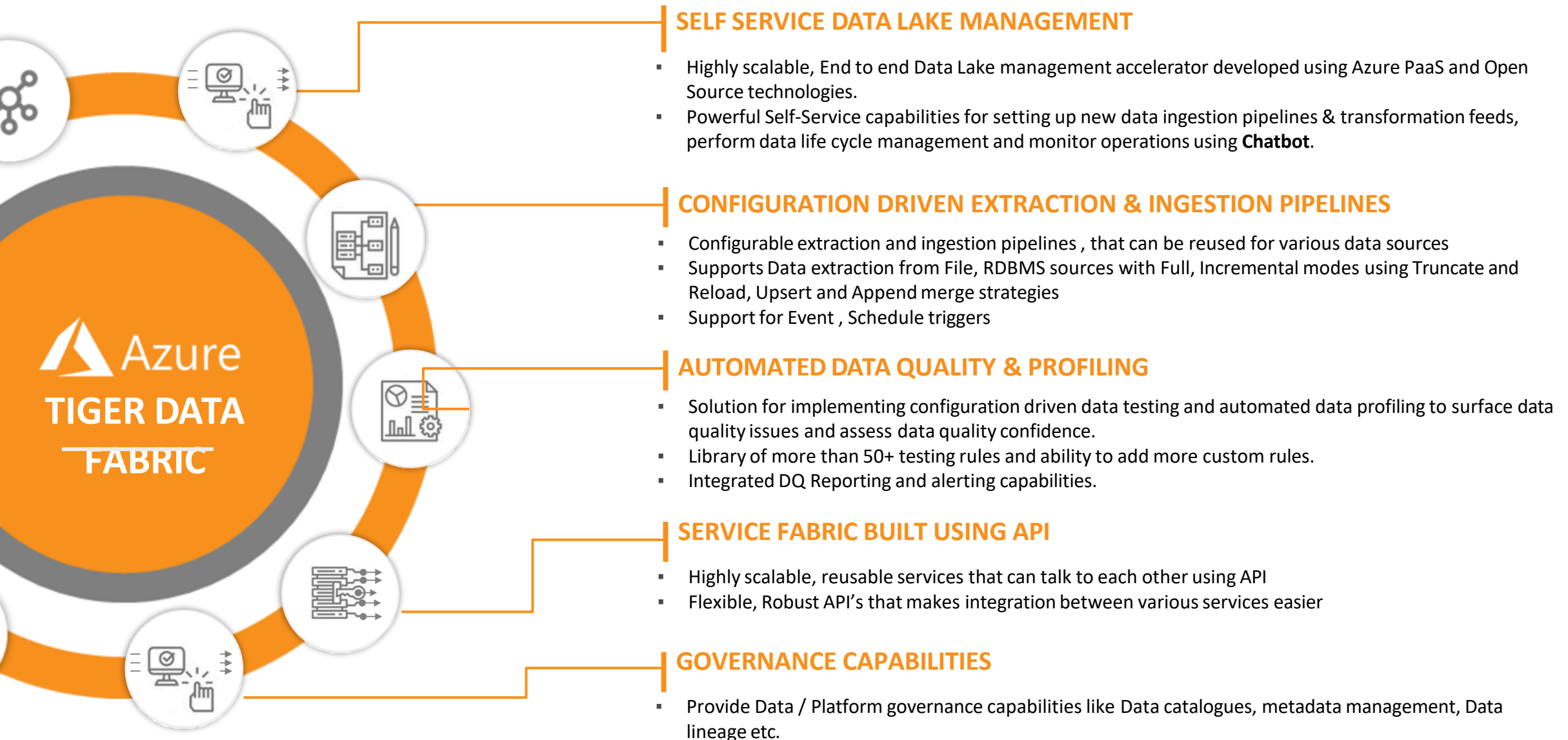
POWERED BY:



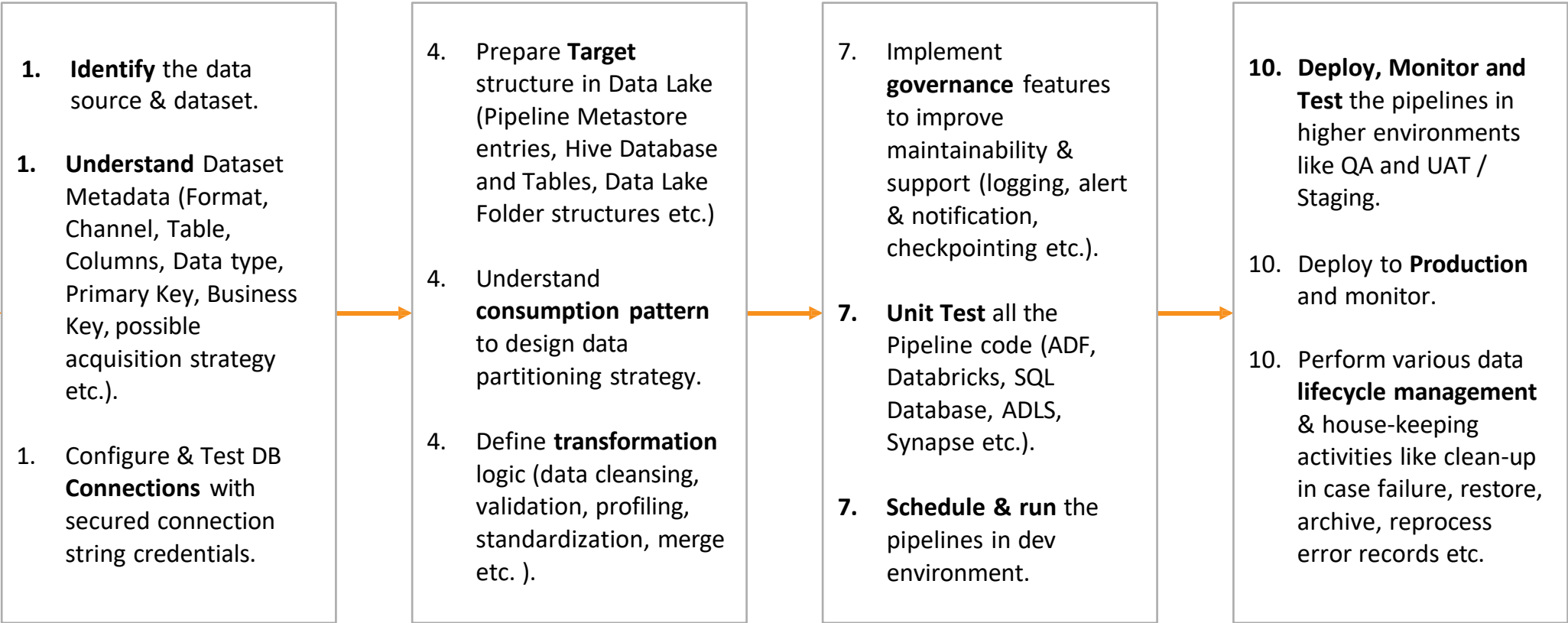
SUPPORTED INTERFACES:

1. REST API (JSON)
2. EXCEL Upload
3. Web UI
4. Chatbot / VA

Tiger Data Fabric – Key Features

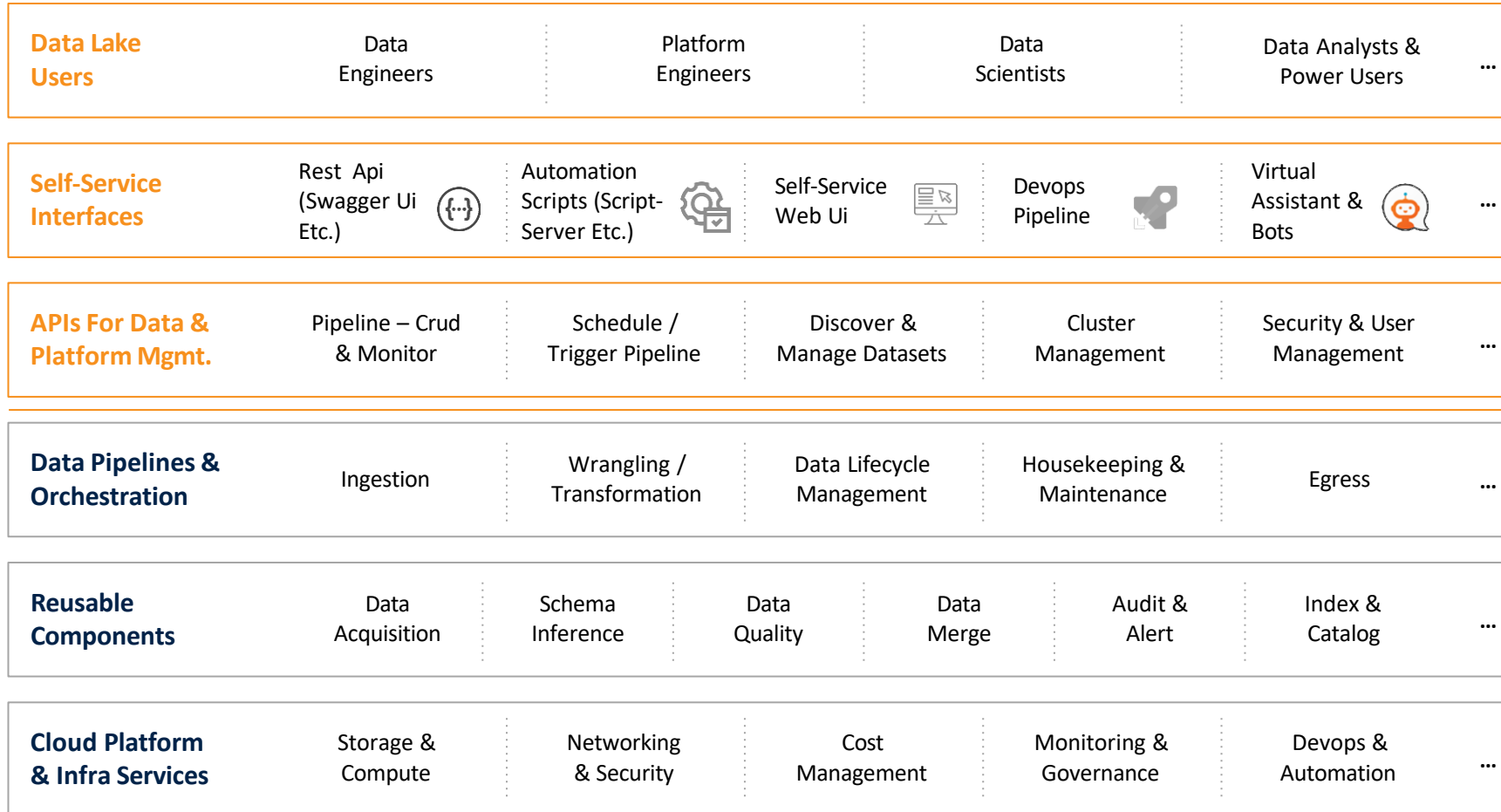


Data Pipeline Development Lifecycle – Without Accelerator



CAN TAKE FROM DAYS TO WEEKS

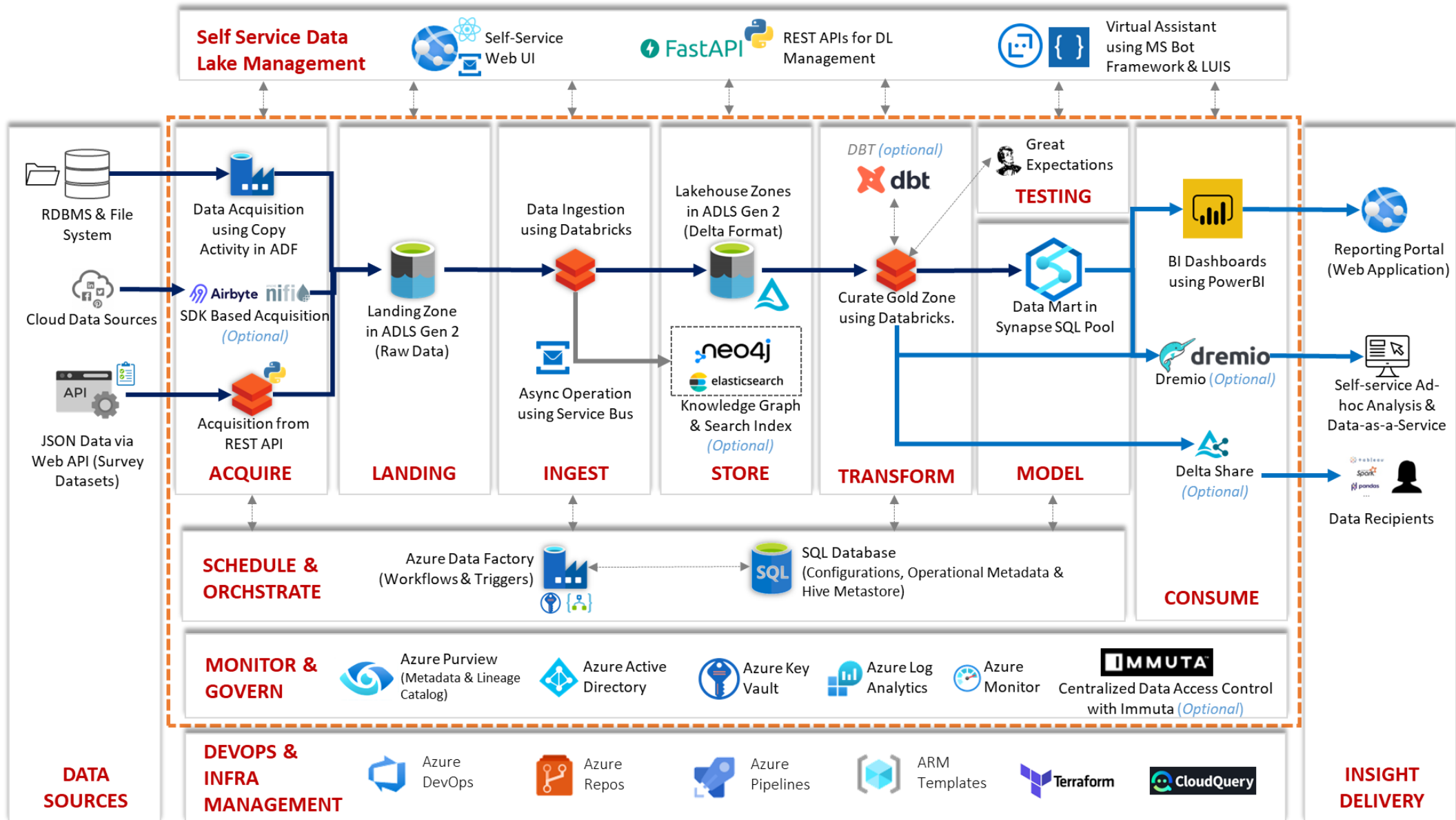
How Self-Service is Enabled in Tiger Data Fabric



Automation and Self-services capabilities added by Tiger Data Fabric

Typical Cloud Data Lake Platform Implementations

High Level Architecture – Tiger Data Fabric (Azure)



Integrated Knowledge Graph Based Data Catalog

