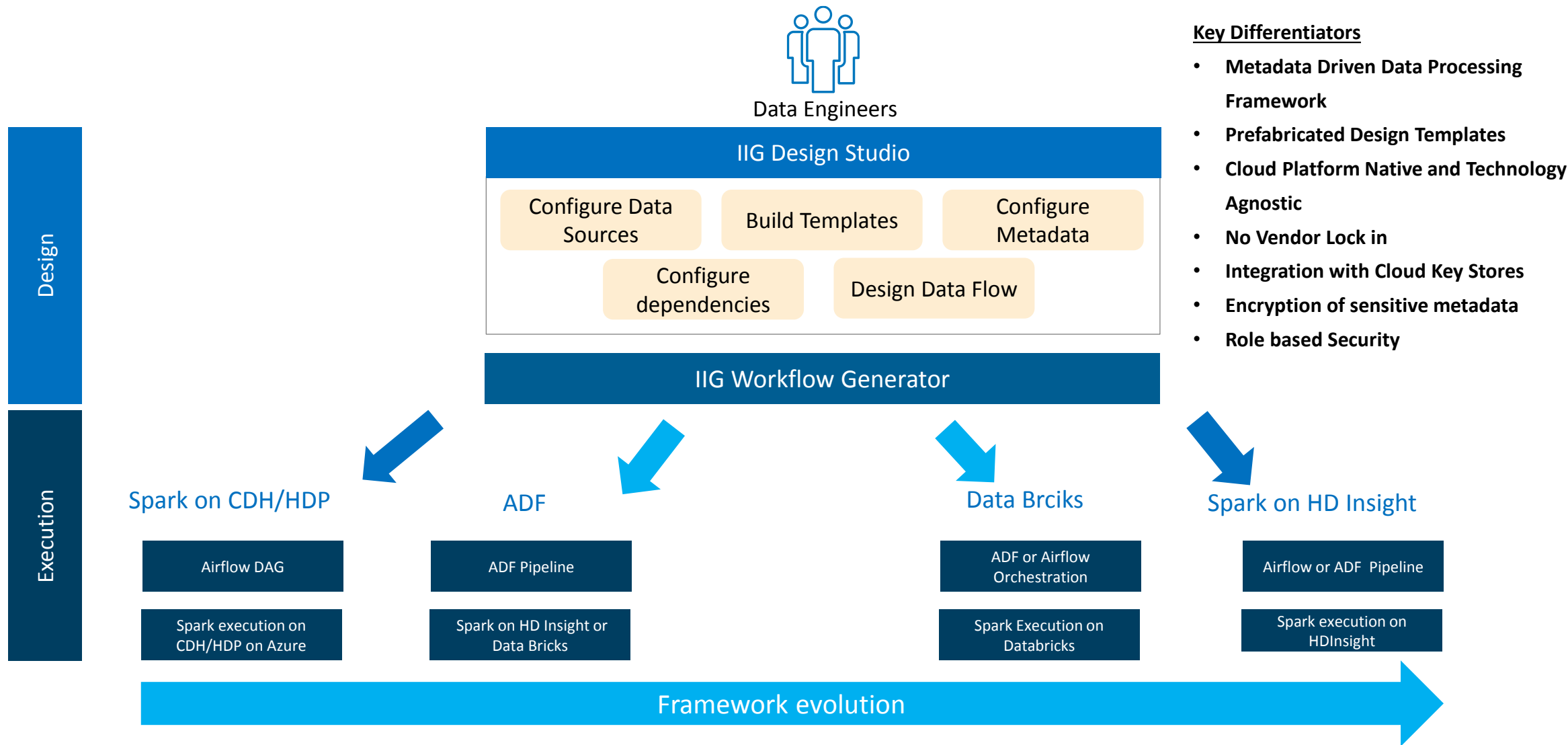


# NAVIGATE YOUR NEXT

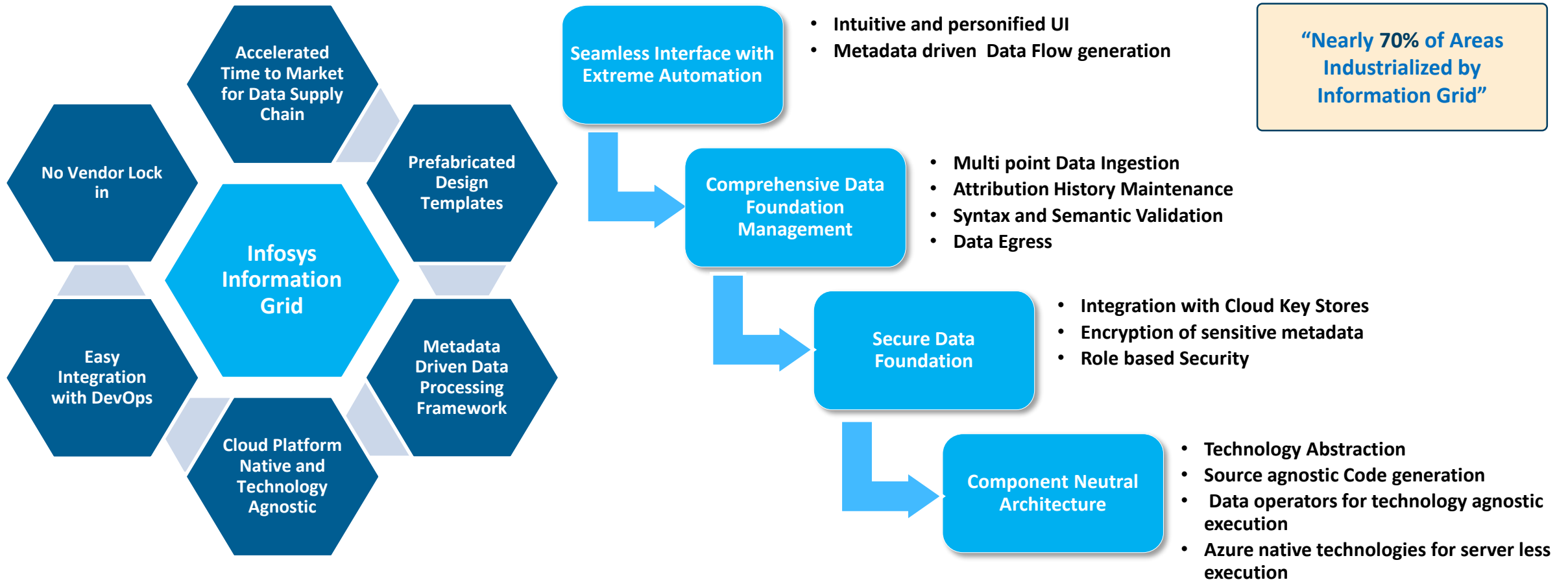


Infosys Information Grid

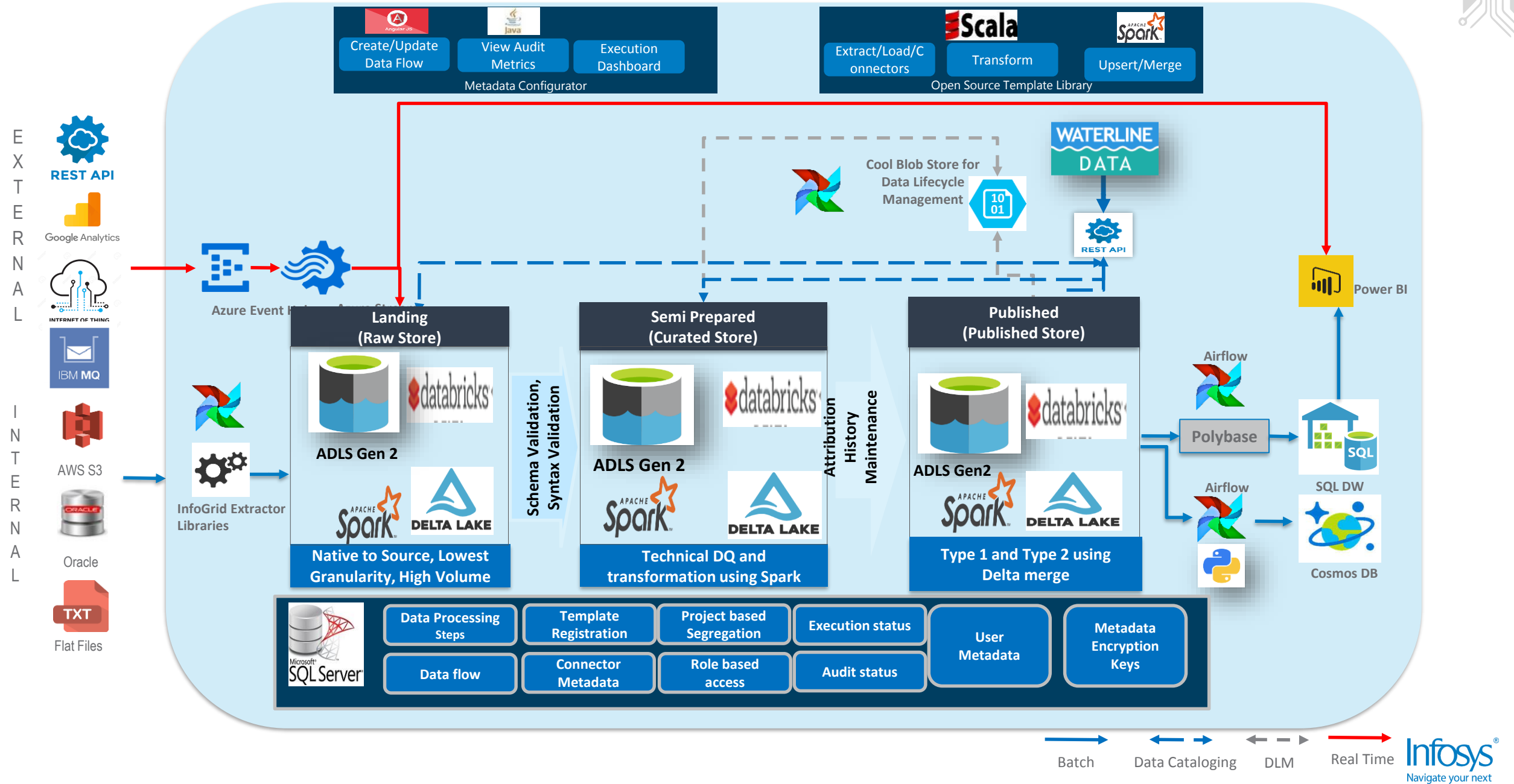
# IIG - Design Once.. Run Anywhere



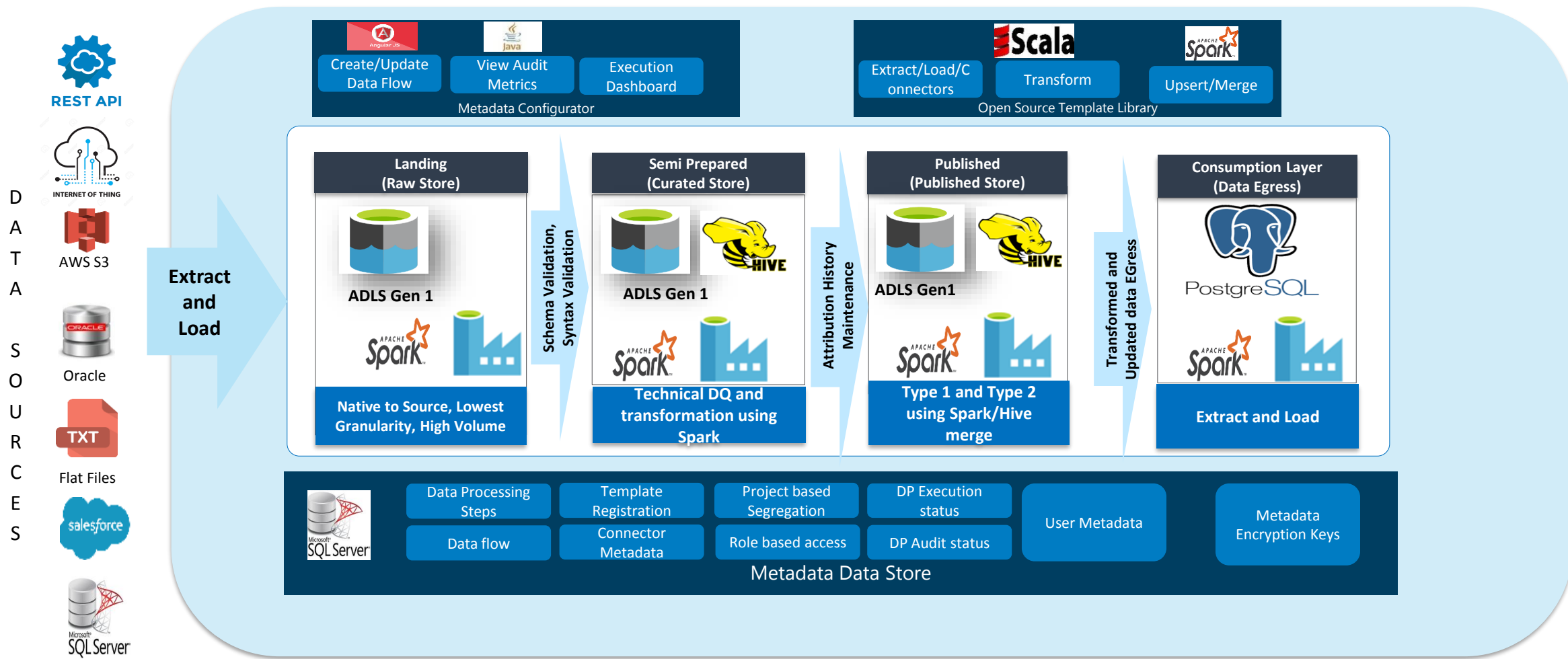
# Infosys Information Grid (IIG) – Key Levers



# IIG Solution Architecture on Azure leveraging Data Bricks



# IIG Solution Architecture on Azure leveraging ADF and HDInsight





## Source

- RDBMS - Oracle, Teradata, MS SQL, DB2, Netezza,
- Files - Delimited, Fixed Width files, XML, JSON
- Mainframe (EBCDIC files )
- Near Real time - Kafka, Eventhub

## Mode of Extraction and Load

- Bulk Load
- Incremental Load
- History Load
- Append
- Overwrite

## Target

- ADLS Gen 1 and 2, PostGress, SQL DW, Snowflake
- Oracle, Teradata, Athena

## Data Processing

- Technical DQ Services
- Data Enrichment
- Transform Services - Join, Merge, Simple Transformation
- Load Services – CDC, SCD 2, Merge

## Security

- LDAP\_ Single Sign On, RBAC
- Data Masking
- Encryption - At Rest
- SAML
- Keyvault

## Operations

- Audit and Execution History
- Scheduler - Airflow
- Alert Notification



THANK YOU

May 11, 2020

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