Cognitive Data Intake - Key Building Blocks

Cognitive Mapping Services
Provides self-learning automated data mapping between source and target data structures, using cognitive and machine learning-based models

Cognitive Data Validation Service
Provides a centralized self-learning-based data validation and auto correction engine consumed as API, for pre-processing and validation of data

Key Features

- LTI solution built on open source Big Data technologies, leveraging Spark ML and R libraries and scripting language
- Works with structured and unstructured data sets
- Predictive Data Transformation, utilizing intelligence and context for data standardization to detect and correct anomalies.
- Data Quality validation through discovery of validation and application of Data Quality rules
- Contextual blending of data attributes through auto association and key matching

Cognitive Data Intake

- Data Ingestion
- Data Quality
- Data Fusion
- Data Mapping
- Data Standardization
- Corrective Actions