

Automated Ingestion & Data Quality (AIDQ) Framework



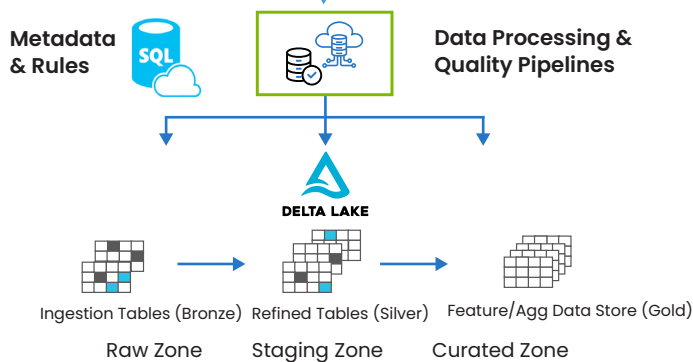
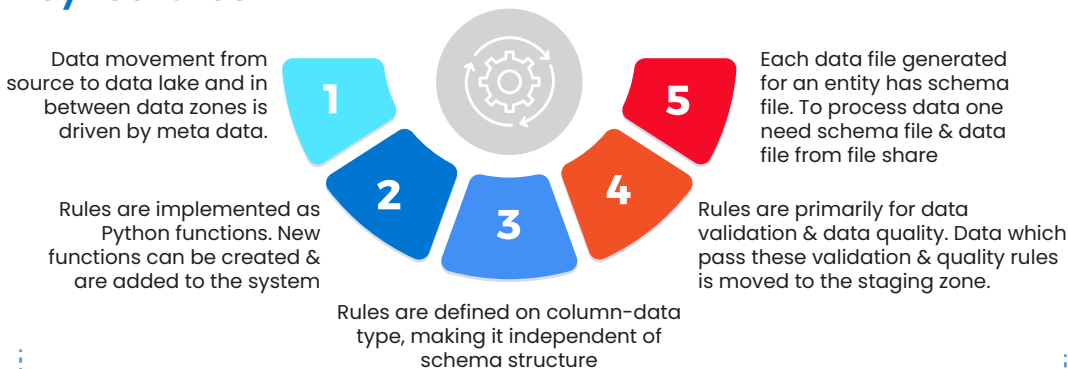
Organizations gather data from multiple sources in various formats. The greater the number of data sources, the better insights are to make informed decisions, customize offerings, and enhance customer service.

As organizations adopt the modern data architecture of Data Lake and Lake House, they can rapidly end up having a huge number of data ingestion codes, leading to increased cost of maintenance, poor data quality, and standardization issues.

WinAIDQ Framework

WinWire's Automated Ingestion and Data Quality (WinAIDQ) is a unified, extensible platform-agnostic framework that enables enterprises to adopt a meta-driven reusable data ingestion and quality practice by bringing together well-defined processes and best practices. WinAIDQ expedites data ingestion from multiple sources to data lakes or cloud data warehouses.

Key features



- Data processing & quality pipelines are built using Python Notebooks (Spark Pools)/Data Flow
- Allows to keep functions schema agnostic, can be applied to any entity based on configuration.

Customer Story



A leading animal health company leverages WinAIDQ to standardize and extract valuable Insights about their products, inventory, capacity planning, supply chain to save cost and improve efficiencies.

[View customer testimonial](#)

Key Benefits

- 50% reduction in overall development time.
- Standardized deployable artifacts.
- Metadata-driven ingestion using control & tables.
- Rapid rule-based data quality ingestion and validation.

Getting Started: Pilot Solution in 4 Weeks

- Architecture and design for data ingestion and data quality management.
- Setup of WinAIDQ, configuration, of metadata.
- Scale out plan for adoption of WinAIDQ.