

Robust Data Governance Implementation

for Leading Farm Credit Bank in the U.S.

Client Overview

The client is a leading Farm Credit Bank funding 20+ affiliated associations across eighteen states in the U.S., with services reaching 80,000+ farmers, agribusinesses, and rural homeowners.

The Business Situation

The client wanted to set up and operationalize an Enterprise Data Office.

Their requirement was to have 100% of data issues dispositioned, to implement required remediation and exception management business rules, data profiling, and validation scripts. They also wanted to build and operationalize the Data Quality Incident, Issue and Problem Management processes.

The Solution

With a proven track record of delivering significant value through Data and Analytics solutions, GS Lab | GAVS carried out an assessment of all technical and business processes to understand the data lifecycle.

The team defined the Data Governance Framework at various levels and created Data Dictionary and Business Glossary, Asset Domains, Communities, and established Data Lineages. Next, they developed rules for Issue and Exception Management, Collibra DQ Business Rule, Data Quality Metric, Data Quality Rule and Validation Rule. The team created a Playbook with configured workflows defining the governance in Collibra, metadata integration and lineage.

Challenges

- Absence of a data governance framework
- Mounting data issues
- Lack of remediation rules, data profiling, and validation scripts
- Absence of management processes for data quality incidents, issues, and problems

Solution Highlights

- Assessment of all technical and business processes
- Definition of Data Governance Framework at various levels
- Creation of Data Dictionary and Business Glossary, Asset Domains, Communities
- Establishment of Data Lineages
- Development of Rules for:
 - Issue and Exception Management
 - Collibra DQ Business
 - Data Quality Metric, Data Quality, Validation
- Creation of Playbook with Configured Workflows for
 - Governance in Collibra
 - Metadata Integration and Lineage

Solution Outcomes

- Robust data governance framework
- Minimization of risks through data disposition
- End-to-end lineage of 100% clean and quality data
- Clearly defined validation and approval processes for metadata addition/updates
- Well established issue and exception management processes