

DWH Resource Augmentation for Global Bank

Situation

Create all OSFI regulatory reports (65) using Canadian domiciled data. The reports were being produced using US DWH (Sybase) and it was important to box the Canadian Information with in Canada and recreate the regulatory reports

Challenges

Segregate process flows and data which was centralized process outside Canada to achieve transaction granularity
Creation of separate Local CIF compared to Global CIF
Minimizing operational risk and data governance

Complication

Incompetent Project Management :
Project was being run in an agile manner with no coherence in user stories and resources did not have clear project plan and understanding of challenges.

Lack of documentation :
No documentation to understand the schema structure of current GLocal DWH to map out the current entities and relationships from Canadian perspective leading to sub-optimal data model
Inadequate data analysis skills

Inadequate Data Skills:
No understanding of data quality, ETL issues , normalization, persistence & indexing .

Solution

Working collaboratively with the client Ascension-soft provided a team of PM, 1 Data architect and 2 Data analysts that delivered the project within 6 months

- **Denormalizing the current schema to create a flat schema model for Candian Enterprise**
- **Separation of Tran codes and GL codes**
- **Creating Local CIF identification compound key in conjunction with Global CIF**
- **Using Client ID, instrument id , balances and client id dimensions all source reports can be created without any incremental development work at US DWH**