

# CRO risk data, CECL, analytics and reporting for a US-based bank

Scalable automated solution

One centralised data warehouse

Automated reporting

## CLIENT CHALLENGES

- Business operations managed in silos
- Multiple data definitions and frequent data transformation requests
- Multiple systems to [manage data](#)
- Fast-paced regulatory changes and business demands

## OUR APPROACH

- Deployed a team of experienced subject-matter experts to support data mapping validation and verification, data mapping and lineage documentation as per requirements of the Current Expected Credit Losses (CECL) standard
- Captured/collected information from multiple sources within the organisation, automating the data sourcing where possible
- Transformed and standardised data points into a common data format
- Validated sourced risk data for completeness (including risk factors) and integrity
- Suggested precise data taxonomy and maintained a data dictionary
- Defined and developed data staging and a central data warehouse structure to assist in [data aggregation](#) to support diverse data integration, data governance and metadata management
- Automated data aggregation and control to reduce errors
- Generated accurate, comprehensive and clear reports for effective decision making using [PowerBI and PowerApps](#)

## IMPACT DELIVERED

- [Acuity Knowledge Partners](#) assisted in ETL and/or data design while reviewing and ratifying the overall process
- Accelerated data streamlining and availability supporting CECL data requirements and data mapping validation, documentation, and aggregation/transformation with documentation
- Reduced manual errors and anomalies as a result of automated data sourcing and validation
- Improved turnaround on report generation and publishing

## About Acuity Knowledge Partners

Acuity Knowledge Partners is a leading provider of high-value research, analytics and business intelligence to the financial services sector. The company supports over 350+ financial institutions and consulting companies through a team of over 3,000+ subject matter experts who work as an extension of the clients' teams based out of various global delivery centres.

We empower our clients to drive revenues higher. We innovate using our proprietary technology and automation solutions. We enable our clients to transform their operating model and cost base.

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