

CASE STUDY



Reducing Data Defects in KYC Portfolio Migration Program

One of the largest banks in US

95% Reduced data defect



Increased Data accuracy levels through Domain led Data Model



100% volume coverage - every field in every record in every file validated



CHALLENGE

- ▶ One of the largest banks in USA was looking to create big data warehouse for KYC. The project started seeing data accuracy gaps. There were multiple versions of truth, and out of 20,000 business rules, 1,800 were conflicting. The look up time for these was high.
- ▶ The bank was spending significantly on QA for performing manual testing of 15,000+ test cases across its complex back end systems
- ▶ Inadequate coverage was resulting in a defect leakage of 19% in UAT, raising critical risks for the regulatory program
- ▶ The client needed a hands-on vendor for its Credit Cards 'Know Your Customer' (KYC) Portfolio Migration Program



SOLUTION

As a single partner chosen for running the KYC migration program, Maveric brought its deep domain experience in handling large-volume, complex environments and demonstrated innovation capabilities and reusable asset repositories.

- ▶ Maveric was called in to implement automated assertion based on its Domain Data Model solution.
- ▶ The engagement called for a significant project scope - Data Conditioning, ETL Testing, ETL Test Automation, Batch Support & Defect Triage
- ▶ Maveric's innovative first-of-a-kind Automated ETL Test Platform (AETP) was implemented. This provided an automated in-situ domain rule based ETL testing pipeline.
- ▶ Maveric's experienced team provided 90% regression of over 6,000 test cases that executes in 5 hours for Wave-1 Migration phase.
- ▶ From checking 10% sample data initially, Maveric teams began 100% data accuracy checks. Increasing the coverage from 10% to 100% led to automated On-time every time data.



RESULTS

- ▶ The bank realized savings of over \$1.5m in Year-1. Same-day Defect Detection (S3D) led to significant cost reduction through-out the lifecycle
- ▶ 100% volume coverage attained as every field in every record in every file was validated
- ▶ 3x Increase in overall Testing Productivity was achieved
- ▶ 33% shorter validation timelines in project schedule
- ▶ 40% headcount reduction in Testing team
- ▶ Automated Regression (→90%) & In-line Coverage achieved
- ▶ For the bank, this enhancement in data accuracy levels led to the leakage going down by 95% leading to a quantum leap in precise decision making.



A case study emphasizing Maveric's brand promise of 'On-Demand data' delivered by uniquely pre-checking data accuracy and validating it against a Reference Model for conflicting business rules.



ABOUT DATATECH SERVICES

Maveric helps banks accelerate their business through data driven precise decision-making leveraging our extensive industry experience and domain model driven approach for validation at every step of the way. Our team of 200+ Data Technologists bring comprehensive competencies in engagements with Fortune 50 banks globally. We offer end to end data solutions & services across Data Migration, Data Audit, Data Pipelines, Data Lakes, Data for Digital and Banking Analytics.

Accelerate your next in data transformation through precise decisions using on demand data engineered for accuracy.



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