

## CASE STUDY

MAVERIC

# Large Scale Integration and Validation of Customer Data for CCPA Compliance

One of the largest global banks

**33%** reduction in implementation time



Implementing Consumer Privacy Act across 90 Data Sources & 7 Million customers



Domain Model Enabled Data & API validation

## CHALLENGE

- ▶ The bank needed to implement California Consumer Privacy Act (CCPA) to provide consumers control over their data for 7 million in-scope customers
- ▶ Key challenges were integrating data from 90 sources and 130 fields while maintaining data integrity for analysis and access



## SOLUTION

Maveric leveraged its domain model enabled Data & API Validation Framework, Automation capabilities and its domain expertise via accelerators and tools to reduce development and testing time by 33%.

- ▶ A new data model with 130 fields comprising of all PII data from 90 sources was aggregated in a Data Lake and finally implemented in CCPA Database. This was made accessible to the Customers/Prospects through various channels via API Microservices.
- ▶ Maveric deployed its innovative Rule Based Automated Validation Framework to validate data across Multiple LOBs and Multiple System flows into the CCPA Database.
- ▶ Validation Touchpoints set up at every step of Data Flow from source to Database, ensuring efficient
  - Data Integrity checks.
  - Aggregation Validation at the Data Lake.
  - Communication Validation of Banking Channels to Database through effective API Testing Framework.



## RESULTS

- ▶ Project delivered in 4 months as against the planned 6 months through our Automation Framework thereby helping the bank achieve the Regulatory Timeline before the target date.
- ▶ 100% Data Volume Coverage and Requirement Coverage achieved
- ▶ 55% headcount reduction for the customer, in testing because of the consistent and automated validation framework in multi-technology environment
- ▶ End to End Functional Testing and End to End Data Validation was achieved.



A case study highlighting Implementation of Maveric's domain led data model that resulted in customers getting access to accurate data.



## 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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