

Enhancing Enterprise Intelligence and Regulatory Compliance with a Highly Secure Data Platform

Business Problem



- Data was spread across core banking, CRM, risk, collections, and marketing, causing slow reporting and stale insights
- 120+ source systems, 3,100+ datasets, ~1.5 PB of data
- High-risk PII data- 2200+ elements to protect- in motion ,at rest and in consumption
- Manual controls and weak governance increased compliance risk (PII/DPDP) while slowing regulatory reporting
- Lack of trust in data due to quality issues and inconsistent definitions

Solution



- Built an enterprise Databricks Lakehouse supporting batch, CDC, APIs, files, and streaming ingestion
- Standardized data layers (Bronze → Silver → Gold) for raw, cleansed, and business-ready datasets
- Implemented MDM/golden records for consistent customer/reference data
- Enabled secure delivery via data marts / secure SQL for business and regulatory reporting
- Set up governance, lineage, audit logs, monitoring, DevOps, data quality and PII protection aligned to DPDP

Value Delivered



- ✓ **98% Faster** data Insights delivery from 30 hrs. to 45 min or less
- ✓ **1200+** dashboards and Reports built and supported
- ✓ **Higher confidence in numbers** through governed data quality and consistent definitions
- ✓ **Improved compliance posture** with stronger governance, audit trails, and PII safeguards
- ✓ **Lower operational effort and cost** through standardized pipelines and reusable data products
- ✓ Completed the enterprise Data Platform implementation in **15 months** (9 months earlier than budgeted)

98%

Faster Data Insight Delivery.
From 30 Hrs- 45 Min.

1200+

Dashboards & Reports Built
& Supported

15

Months Full Platform
Implementation