

Master Data Management for Payer Lakehouse



Client: Regional Blue

Initiative: Value Momentum has embarked on a Healthcare Blue journey to migrate their Hortonworks Hadoop analytics platform to AWS. As part of this engagement VM team is tasked to design and implement MDM process using Reltio tool to master data (at persona & transactional levels) from various sources with high level of confidence

Approach:

- Architecture & Design - Interfacing details, Source Data Profiling, Key attributes identification, Match-N-Merge Rules definition, Lifecycle definition, Security, access workflows (Stewards v/s DA)
- Infrastructure\Tool Setup - Define Storage, Compute, Security, Networking etc.
- Design Survivorship Rules - Define record / Attribute level precedence.
- Build and Unit Test - Define, Develop and Unit Test Mastering
- Deploy into AWS - Install Reltio on AWS, configure Mastering Rules (Match-N-Merge & Standardization Rules)
- Mastering - Execute Data Mastering manually over already present data as per MDM Implementation Strategy
- Validation and Verification - Post data load, workflows execution, Sanity, Regression, A to B testing, UAT
- Sign-off, Go-Live, User Trainings - Sign-off workflows, cross train user on Cloud components / usage.

Tech Stack:



Timelines: MDM End-to-End Implementation window was 12 Months, followed by 6 weeks of user trainings