Data platform for an American Mortgage company on AWS

An American residential mortgage company. The company's business focuses on the production and servicing of U.S. mortgage loans and the management of investments related to the U.S. mortgage market

GEOGRAPHY
USA

REVENUE
$3.71 Billion

BUSINESS SCENARIO

- Discrete nuclear data warehouses leading to data redundancy & inaccurate analytics across teams
- Data processing takes about 4 to 10 hours
- Lot of licenses & hardware to maintain
- Expecting explosion in data size
- Legacy on-prem data stores are not scaling for the need

SOLUTION HIGHLIGHTS

- Established organization level data strategy
- Modernized data infrastructure (Lake House) on AWS
- Data marts for department specific needs
- Implemented templated pipeline solution for data governance
- onboarded MDM on harmonize the data across platform
- Developing a scalable report processing model and report business performance
- Implemented granular level security and access for the data & reports
- Delivering data to Data Scientists for specific use cases for deeper Insights (AI / ML)

BENEFITS & IMPACT

- Efficient handling of data
- More data processed in short time
- Readily available information for business due to on time loading
- Dynamic Report generation
- Ensured data security while loading

WHY SONATA?

Sonata helps clients unlock value and growth through Platforms with Sonata's proven Platformation services. We also help enterprises in shaping their Digital Agenda, Platform thinking and in reimagining Platform business models and ecosystem.

Sonata's platformation approach helps clients to choose a solution that best fits their needs; balancing readily available platforms and solution customization

1. **Sonata READY:** End-to-end, industry-specific digital business platforms

2. **Sonata ACCELERATE:** Deploy popular horizontal platforms adding required functionality

3. **Sonata CUSTOM:** Engineer custom platforms that deliver unique digital capability and scalability

Sonata is a global technology company, that enables successful platform based digital transformation initiatives for enterprises, to create businesses that are connected, open, intelligent and scalable. Sonata's Platformation™ methodology brings together industry expertise, platform technology excellence, design thinking-led innovation and strategic engagement models to deliver sustained long term value to customers. A trusted partner of world leaders in the Retail, Manufacturing, Distribution, Travel, services and Software industries, Sonata's solution portfolio includes its own digital platforms such as Brick & Click Retail Platform©, Modern Distribution Platform©, Rezopia Digital Travel Platform©, Kartopia E-commerce Platform©, Halosys enterprise development automation Platform©, and CTRM Commodity trading and risk management Platform©, KODO - AI powered customer experience (CX) Platform, Sonata's Platformation realization services have been specifically designed so that implementation of services on Microsoft Dynamics 365, Microsoft Azure, AWS, Cloud Engineering, Managed Services as well as on new digital technologies like IoT, Artificial Intelligence, Machine Learning, Robotic Process Automation, Chatbots, Block Chain and Cyber Security, deliver to the Platformation promise. Sonata's people and systems are nurtured to bring together the depth of thought leadership, customer commitment and execution excellence to make a difference to business with technology.

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