RE-DEFINE YOUR DIGITAL FUTURE WITH SONATA'S DATA & AI SOLUTIONS

DATA & AI WITH MICROSOFT PLATFORMS

Leverage data to drive intelligent actions and personalization at scale with Azure Data & Analytics components

Sonata Software - The Platformation Company

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SONATA AND MICROSOFT

Enterprises need a transformational approach in leveraging vast amounts of structured & unstructured data and implementing modern business-Intelligence & artificial-intelligence solutions. These solutions need to fulfil the expectations of enterprise users and consumers with intuitive reports and actionable insights served across multiple channels of consumption - mobile, web, and embedded applications.

KEY NEEDS OF ENTERPRISES

Leverage vast amounts of data-in-silos to derive actionable insights

Provide a unified view of customers and operations across channels

Empower users with intuitive reports and self-service BI

Enable enterprise digital transformation programs with data and analytics

Employ data as an asset and monetize with innovative solutions & services

SONATA'S SOLUTIONS

❖ **Sonata's Platformation™ approach:** Anchors data as the primary asset and crafts data platforms to enable enterprise digital transformation

❖ **Microsoft platforms:** Solutions for real-time and historical analysis of on-premise/cloud data to deliver business intelligence across channels

❖ **Re-usable assets:** Models and industry-specific solutions across retail, manufacturing, and travel

❖ **Services:** Data Strategy, Data Lake & Data Ingestion (Data Warehousing / Big Data), Machine Learning (AI) and Data Visualization (PowerBI / Biz Apps).

Sonata brings together its experience in data & AI and a wide range of Microsoft technologies to enable enterprises - build intelligent platforms for data-driven decision making, generate business insights at scale and create innovative solutions for data monetization.

MICROSOFT TECHNOLOGIES FOR DATA AND AI SOLUTIONS

Data Lake: Azure Data Lake

Data Management: Azure SQL DB & Data Warehouse, HD Insight

Analytics: Azure Stream Analytics, Azure ML

Visualization: Azure Analysis Services, Power BI

Data Orchestration: Azure Data Factory, Azure IoT Hub, Event Hubs

Sonata's expertise in implementing Power BI using Azure Analytics Services was critical to our success, and led to a speedy and cost effective transition. As a result, we have seen improvements in user satisfaction, and increased usage rates of the dashboards. We've been very pleased by the partnership with Sonata.

Sr Manager, Digital Business, Global MLM Leader

BUSINESS BENEFITS

➡ **DRIVE DATA-LED DIGITAL TRANSFORMATION**

with Sonata's Platformation™ approach

➡ **FACILITATE ADVANCED ANALYTICS**

with a single data lake for structured & unstructured data

➡ **ENABLE SELF-SERVICE BI**

with solutions combining best-in-class Microsoft assets

➡ **ACCELERATE DIGITAL TRANSFORMATION**

with Microsoft technologies & Sonata's re-usable assets

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Accelerate Implementation of your Data & AI programs with Sonata and Microsoft

SONATA'S OFFERINGS

Leverage data to drive intelligent actions and personalization at scale with Microsoft Azure Data & Analytics components

DATA STRATEGY
Steer enterprise data journey as the needs grow & evolve

DATA ANALYTICS
Derive actionable insights from interconnected data
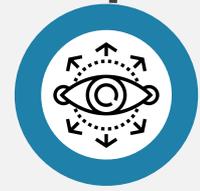
DATA VISUALIZATION
Multi-channel visualization across web, mobile, and embedded apps

STRATEGY

DATA

Build complete Data Strategy - Storage, Ingestion, Consumption

Architecture & tool Finalization

Governance Rules

Roadmap & Priorities

A LARGE RETAILER IN UK

Ensured optimum stock allocations with a new data warehouse covering all enterprise business functions

160
Stores Analyzed

Cloud
For Cost Optimization

Azure Datawarehouse, Azure Data Factory, Azure Analysis Services, Power BI

ANALYTICS

DATA

Analytics - Descriptive, Diagnostic, Predictive, Prescriptive

AI / Machine learning

IoT

Cognitive Intelligence

RPA / Chatbots

10% REDUCTION IN SPEND
on in-flight perishable foods for a large tour operator by determining the optimal level of replenishment

60% REDUCTION IN TIME
to shortlist candidates for a recruitment company by automating resume screening workflow

VISUALIZATION

DATA

Methodology

- Acquire, Parse, Filter, Mine, Represent, Refine, Interact

Intuitive Visualizations

Self-Service BI

Migration Services

A GLOBAL MLM LEADER

Migrated reports from Tableau to PowerBI for deeper analysis with customized data sets and improved self-service options

1 min to 5 sec

Improvement in performance for key reports

Tableau to PowerBI

SONATA'S DATA & AI PRACTICE

Proven Expertise ✦ 20+ years Microsoft Partnership ✦ Platformation™ Approach ✦ Academia Collaboration ✦ Machine Learning Lab ✦ Re-usable assets for retail, distribution, and travel industries

ABOUT SONATA

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, Distribution, Travel and Software industries, Sonata's solution portfolio includes its own digital platform such as Brick & Click Retail Platform©, Modern Distribution Platform©, Rezopia Digital Travel Platform©, RAPID DevOps Platform© and Halosys Mobility Platform©, best in class capabilities on ISV digital technology platforms such as Microsoft Dynamics 365, Microsoft Azure, SAP Hybris, Cloud Engineering and Managed Services, as well as new digital applications like IoT, Artificial Intelligence, Machine Learning, Robotic Process Automation, Chatbots, Block Chain and Cyber Security. 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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