

# DATA MODERNIZATION COMPASS

A Foundation for Modern Analytics and AI

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# HOW DO ORGANIZATIONS DISCOVER THE VALUE OF THEIR DATA?

Organizations today face significant challenges in managing and unlocking the full potential of their data—whether it's outdated systems, disconnected platforms, or the complexities of implementing AI. Valorem Reply's Data Modernization Compass is designed to solve these problems by providing a comprehensive, agile framework for modernizing your data estate.



## CHALLENGES

- Data Silos
- Lack of Governance
- Need for a Roadmap to a Modern Data Platform
- Skills Gaps



## IDEAL SOLUTION

- Centralized Modern Data Platform
- End-to-End Data Strategy
- Knowledge Development & Execution



## DESIRED OUTCOMES

- AI/ML Readiness
- Simplified Data Governance
- Regulatory Compliance
- Reduced IT Budget
- Democratized Data





# DATA MODERNIZATION COMPASS

From improving data flow and enhancing analytics capabilities to preparing your infrastructure for AI-driven innovation, our framework helps drive real business outcomes. Whether you're just starting or looking to optimize your existing data strategy, we meet you where you are and help drive your transformation forward.

1

DATA ESTATE  
ASSESSMENT

3

MODERN DATA  
PLAFTORM

2

DATA GOVERNANCE  
ACCELERATOR

4

DATA VALUE  
EXTRACTION



# Valorem Reply's **DATA MODERNIZATION COMPASS**



There are so many choices when it comes to tools/technology. I need help building a system for our company.

## DATA ESTATE ASSESSMENT

2 – 4 Weeks



Data modernization drives profits and productivity. Digital transformation can improve your customer experiences, provide better security for your data, and shorten time-to-value while providing access to modern tools. Let us show you how to get there.

- Define Value
- Gaps - Current vs. Future
- Target Architecture
- Roadmap Development

## Explore

I want a single governance for all my data and AI assets to simplify compliance and management.

## DATA GOVERNANCE ACCELERATOR

8 – 12 Weeks



Achieve regulatory and/or organizational compliance over the use of data and empower your organization to see the full end-to-end view of their data.

- Manage Diverse Data Sources
- Single Source - Dismantle Silos
- Uphold Data & ML Model Quality
- Facilitate Trusted Data Discovery
- Ensure Secure Data Access
- Navigate Regulatory Landscapes

## Build Foundation

I am ready to update my data approach but not sure how to get started or which platform is best for my enterprise.

## MODERN DATA PLATFORM

10 – 12 Weeks



Our data practitioners can help you evaluate your current data estate, technology ecosystem, and business goals to design, test, and deploy a custom data platform for your enterprise.

- Microsoft Fabric
- Databricks Lakehouse & Unity Catalog
- SAP Data Lakehouse
- Data Migration
- Advanced Analytics with Power BI

## Invest

I want to maximize the value of our new data platform and customize it further to our needs.

## DATA VALUE EXTRACTION

6 – 24 Weeks



Let us show you how to generate business value through AI and data science.

- Customize Fabric Platform to Your Maximum Benefit
- Data Agents
- Copilots
- Data Science
- Custom AI Solutions
- Agent Factory

## Champion

# WHY VALOREM REPLY'S DATA MODERNIZATION COMPASS?

As a Databricks Elite Partner, Microsoft Fabric Featured Partner, Microsoft Fabric Databases Featured Partner, and Microsoft Data & AI Solutions Partner, we leverage the best tools and expertise to ensure that your data modernization journey is seamless, scalable, and impactful.

**DEEP AZURE EXPERTISE**

**LONGTIME MICROSOFT SOLUTIONS PARTNER**

**WIDE RANGE OF CUSTOM DATA & AI SOLUTIONS**

**REAL-WORLD DATA & AI EXPERIENCE**

**ACCESS TO FUNDING MECHANISMS**





# GOODWILL INDUSTRIES INTERNATIONAL

ON-PREM AND TABLEAU MIGRATIONS TO  
MICROSOFT FABRIC AND POWER BI



# ON-PREM AND TABLEAU MIGRATIONS TO MICROSOFT FABRIC AND POWER BI

## PROBLEMS & OPPORTUNITIES

- On-premises platform architecture, including SQL servers and various data sources like Excel and Smartsheet, which limited scalability and operational efficiency.
- Existing Tableau platform for analytics was becoming increasingly costly and not meeting their needs.
- Lack of a unified data platform, leading to data silos and inconsistent reporting.
- Manual processes for data integration and reporting were time-consuming and prone to errors.

## STRATEGIC SOLUTIONS

- Transition from on-prem SQL server to a cloud-based modern data platform and modernization architecture.
- Migrate their analytics from Tableau to Power BI in Microsoft Fabric, offering optimized and cost-efficient reporting solutions.
- Leverage Microsoft Fabric to streamline integrated data platform within a unified environment.
- Provide enhanced and optimized reporting solutions using Power BI within Microsoft Fabric.

## BUSINESS IMPACT

- Quicker report loading times.
- A single reliable source for all data.
- Formalized code promotions and deployment pipelines for lifecycle management.
- Emphasis on security and governance with enhanced user management of data accessibility.
- Improved Dashboard and reporting performances with new reporting solutions.







## Learn more about Valorem Reply's **DATA MODERNIZATION COMPASS**

Learn more: <https://go.valoremreply.com/data-modernization-compass>