

Valorem Reply | Data & AI

# MICROSOFT FABRIC IN 30 DAYS

Turn Data into Action

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# WHEN YOUR DATA LIVES IN SILOS, YOUR DECISIONS DO TOO

Different teams. Different tools. Different versions of the truth. Every report takes too long, every insight arrives too late, and your IT team is stuck maintaining a patchwork of platforms instead of driving value. Sound familiar?



## CHALLENGES

- Data Silos
- Disparate Tools
- Lack of Governance
- Unclear Path to a Modern Data Platform
- Skills Gaps



## IDEAL SOLUTION

- Microsoft Fabric
- Unified Modern Data Platform
- End-to-End Data Strategy
- Knowledge Development & Execution



## DESIRED OUTCOMES

- Data-Driven Decision Making
- Simplified Data Governance
- Data Platform Roadmap
- Trained Team





# MICROSOFT FABRIC IN 30 DAYS

Microsoft Fabric in 30 Days by Valorem Reply is a guided expert-led engagement that builds a complete, working Microsoft Fabric environment — in your tenant, on your data — in just one month.

## 1 ASSESSMENT & PLANNING WEEK 1

- Project kick-off and requirements workshop
- Review of current infrastructure and data sources
- Target architecture recommendation and documentation
- Roles, access, and environment confirmed

## 2 IMPLEMENTATION & DEMONSTRATION WEEKS 2-4

- Fabric tenant, licensing, capacity & workspace setup
- OneLake configuration + 1–2 data source connections
- Medallion Lakehouse architecture
- Pipelines & notebooks with data quality and deduplication
- Semantic model and Power BI dashboard on real data
- Version control, DevOps & deployment pipelines
- Educate IT team on Fabric
- Showcase data agents, Copilots, and other AI features

## WHY VALOREM REPLY'S FABRIC IN 30 DAYS?

Valorem Reply helps organizations unlock the full value of data modernization. Our Data & AI experts begin by assessing your current environment to uncover gaps and quick-win opportunities. We then chart a low-risk modernization path that protects compliance and budgets. Finally, we equip your team with AI-ready datasets, purpose-built dashboards, and hands-on training so you can move from insight to action faster.

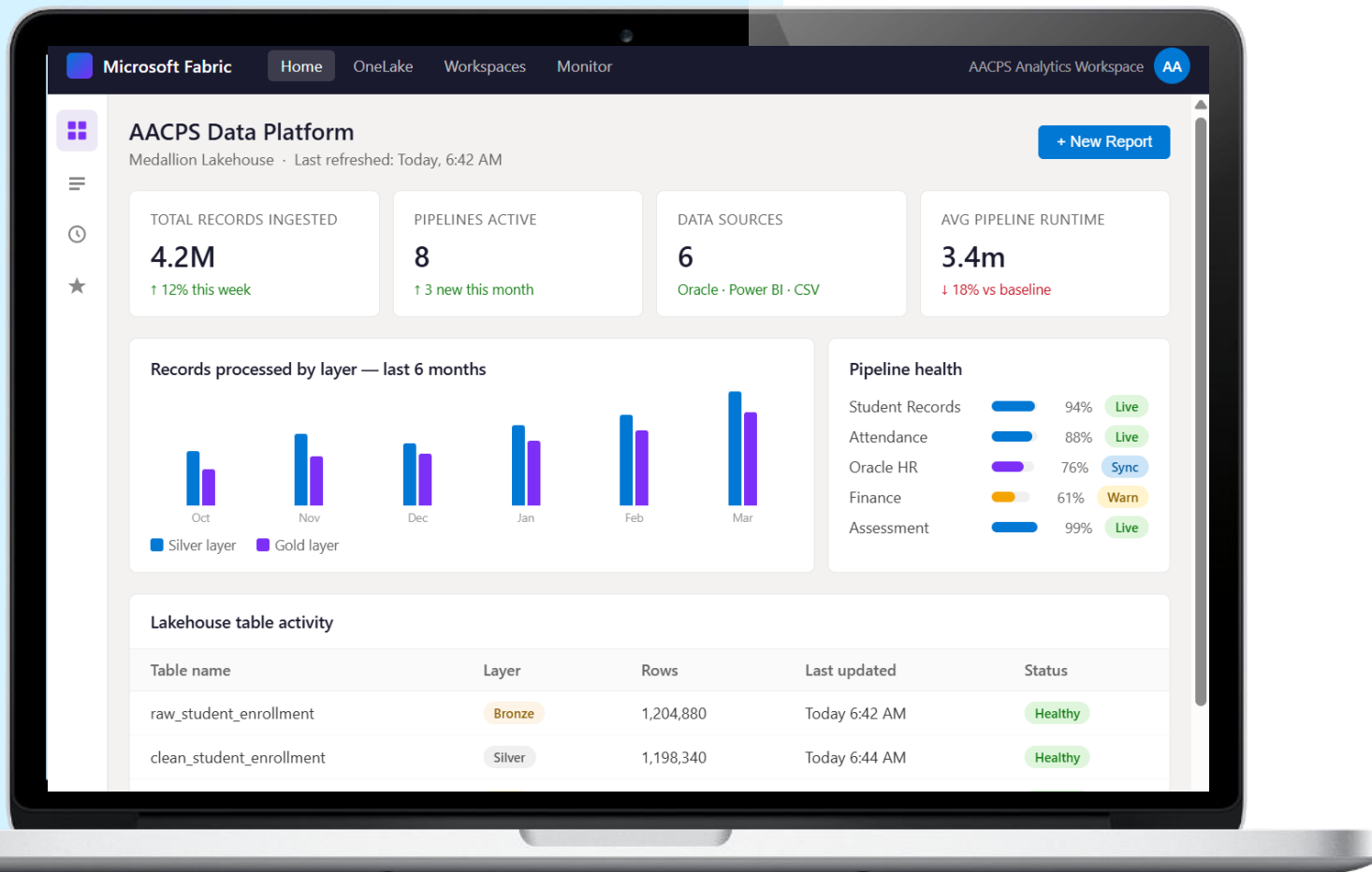
**DEEP AZURE EXPERTISE**

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

**REAL-WORLD DATA & AI EXPERIENCE**

**ACCESS TO MICROSOFT FUNDING**





Mock Dashboard

# ANNE ARUNDELL COUNTY PUBLIC SCHOOLS

MICROSOFT FABRIC IN 30 DAYS

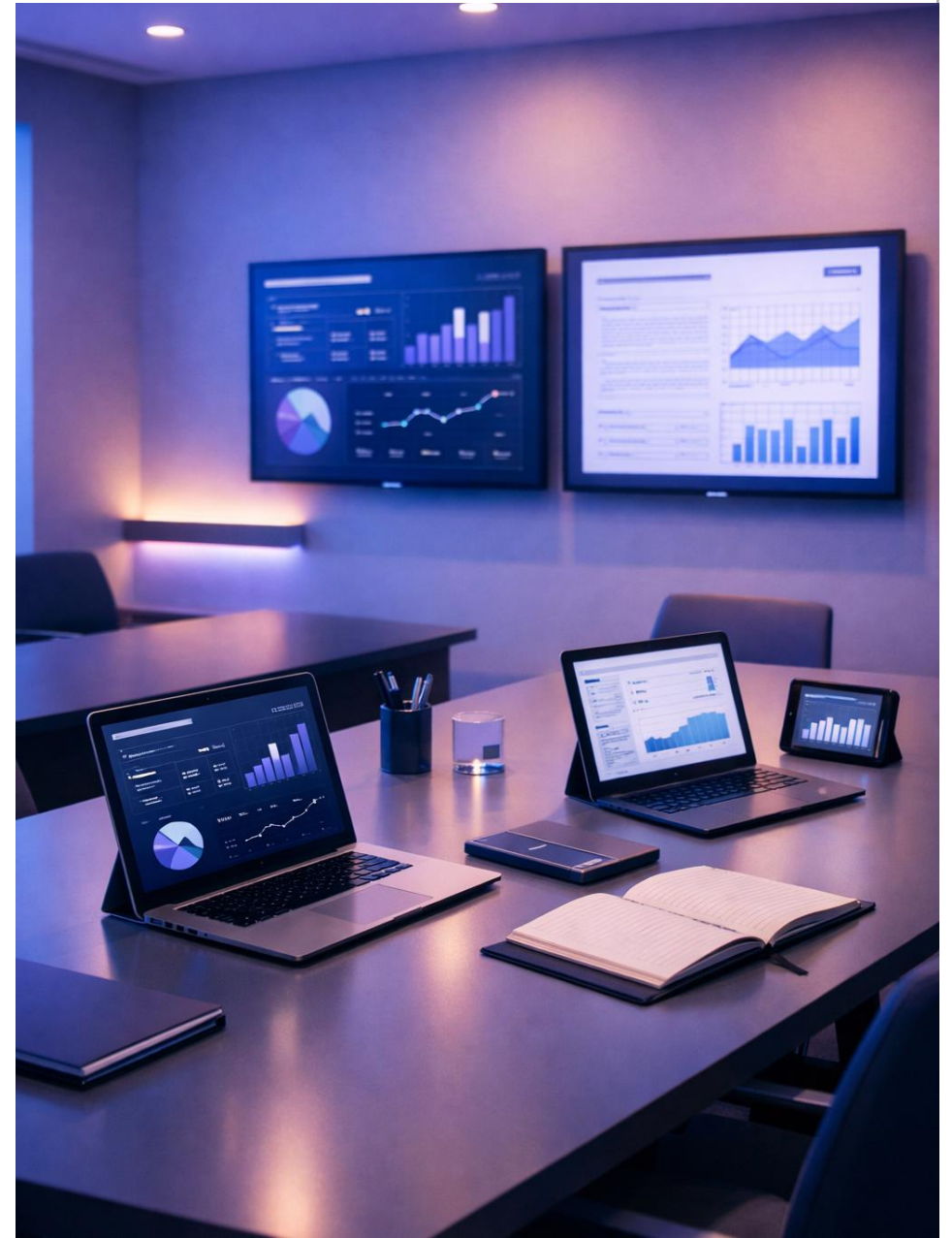
## PROJECT OVERVIEW

As one of Maryland's largest public school districts, AACPS depends on timely, accurate, and trustworthy information to drive outcomes in the classroom and across the organization. But behind the scenes, a data environment that had grown increasingly complex over time was making that harder than it should be. Data was spread across legacy Oracle datastores, disparate systems, and multiple Power BI workspaces without a unified foundation to connect them.

With a growing need to unify ingestion, transformation, reporting, and governance under a single architecture, district leaders recognized that Microsoft Fabric represented a promising path forward. The priority now was getting to a production-ready foundation as quickly as possible while equipping their team with the knowledge to scale it.

Through Valorem Reply's Fabric in 30 Days solution — a structured engagement designed to take organizations from concept to operational analytics platform in a single month — Valorem Reply partnered with AACPS to stand up a working Fabric environment on the district's own tenant, implement an end-to-end data pipeline using a medallion Lakehouse architecture, and demonstrate real analytical value all while building the internal knowledge and documentation needed for AACPS to own and operate the platform going forward.

The engagement transformed their data environment into a cohesive, governed, and analytics-ready foundation, validating Fabric as the right platform for AACPS and positioning the district to confidently pursue its broader data modernization goals, including future AI scenarios powered by clean, unified data.



## MICROSOFT FABRIC IN 30 DAYS



### PROBLEMS & OPPORTUNITIES

- Data fragmented across legacy Oracle datastores and multiple disconnected Power BI workspaces, with no unified platform for ingestion, transformation, or governance.
- Data teams spending excessive time manually managing and reconciling data across systems rather than delivering insights to educators and administrators.
- Inconsistent reporting and absence of a governed data foundation creating risk.
- No validated architecture, clear migration roadmap, or path toward AI-ready analytics.

### STRATEGIC SOLUTIONS

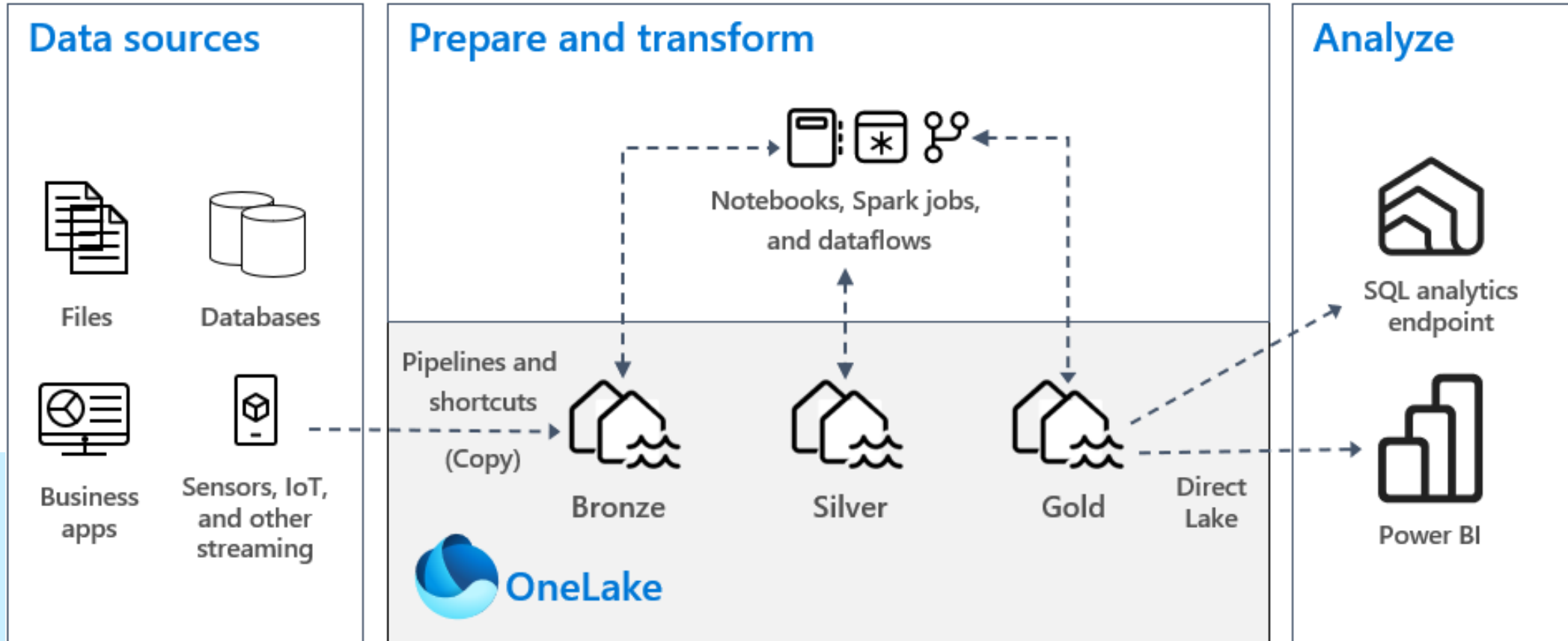
- Designed and implemented a 30-day Microsoft Fabric implementation on the AACPS tenant, covering environment setup, governance, ingestion, modeling, reporting, and enablement.
- Configured a medallion Lakehouse architecture in OneLake with automated transformations, data quality checks, and deduplication via notebooks and pipelines.
- Developed a semantic model and working Power BI dashboard built on real AACPS data, alongside version control, DevOps practices, and deployment pipelines.
- Delivered a tech team transition workshop covering the full end-to-end workflow, including hands-on education on Fabric's Data Agents and Copilot capabilities.

### BUSINESS IMPACT

- Consolidated disparate legacy data tools into a single unified platform with fewer point-to-point integrations and less infrastructure management for IT teams.
- Improved compliance and auditing requirements with built-in monitoring, lineage, and data pipelines support more trustworthy analytics.
- Enables advanced analytics, Copilot experiences, and GenAI use cases using trusted, enterprise-scale data.
- Improved decision quality, ensuring leaders are making decisions from a single version of the truth.



# ARCHITECTURE





**Learn more about Valorem Reply's  
Microsoft Fabric in 30 Days solution.**

Learn more: <https://go.valoremreply.com/microsoft-fabric-in-30-days>