Persistent

Solution Sheet

Data Stack Modernization in Weeks

Organizations have plenty of data, but the challenge lies in extracting value from that data. Siloed legacy data systems fall short when connecting the pieces and delivering deep insights, leading to ill-informed decisions and even lost market share.

While companies are looking to unlock this data by moving to modern data platforms, modernization projects are fraught with risk and complexity. Companies struggle with picking the right tool from a vast landscape with countless choices and getting it to work in their setup. They end up spending too much time assembling the large jigsaw puzzle of data tools and take too long to see tangible outcomes and benefits.

| Prolonged modernization timelines. | Countless choices in picking the right modern data platform. | High complexity in getting the modern data platform to work in your setup. | Too long to see tangible outcomes. |

Accelerated Data Stack Modernization with Persistent Data Foundry

Persistent Data Foundry is a pre-integrated, modern data technology stack using leading commercial and open-source software coupled with our IP, proven design patterns and reference solutions.
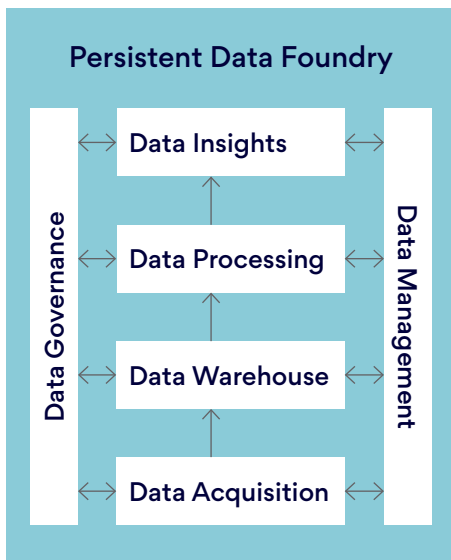
Instead of multi-year data modernization projects, Persistent Data Foundry delivers your first data use case in two weeks using software already supported by your IT team. Foundry de-risks your modernization initiatives with a fully functional foundation of ready-to-use components and reference implementations.

This configurable data platform lets you create more information assets and dashboards quickly to answer new business questions.

| Data-driven business use case in 2 weeks | De-risk unknowns with ready-to use components | Accelerate business outcomes with reference implementations |
| Cost visibility with pay-as-you-go data products | Flexibility from a composable data platform supported by IT | |

How It Works

Persistent Data Foundry

Data Products

MATILLION	snowflake	ml flow	ThoughtSpot	SSIS	Microsoft SQL Server
Amazon EMR	Azure ML	Power BI	python	Spark	jupyter
CAZENA	DOMO	TRIFACTA	Amazon SageMaker	talend	+ableau

Foundry Building Blocks

Security and Governance	Authentication Authorization	Role based Access and ACL	Privacy and Encryption	Security Compliance
Deployment and Support	Health of Services	Tenant Usage	Costing Dashboard	Back and Access
User Persona	Data Lineage	Scheduling of Jobs	Source Control	Defect Tracking

Knowledge, Resources and Experience

Reference solutions to de-risk unknowns	Deep knowledge through the delivery of 100+ digital solutions
Dedicated experts for each layer of the stack	Through understanding of the partner ecosystem

Customer Story: Building a modern cloud data warehouse from scratch in four months

Challenges

\ Leading customer success software provider Gainsight wanted to move to a single cloud-based data warehouse to simplify and speed-up reporting.

\ Multiple cloud solutions across business functions – Salesforce, Financial Force, People.ai, Expensify, Sage Intacct, UltiPro.

\ Desire to consolidate all inter-application reporting needs into a central system.

\ Inefficient reporting due to multiple manual Excel-based reporting methods.

Solution

\ Moved to a cloud-native data warehouse.

\ Used an intelligent automation platform to extract and load data from applications to the cloud data warehouse.

\ Re-wrote SQL scripts using the cloud data warehouse's native script to transform data.

\ Created multiple views into the data warehouse to support numerous reporting requirements without usage contention issues.

\ Connected views to Tableau online.

Outcomes

\ **Four months** to deploy a modern data stack

\ **One warehouse** for all inter-app reporting needs

\ **Eliminated Excel**-based manual reporting

\ **Eliminated multiple copies** of data with one single copy without loss of functionality

\ Enabled l**ightning-fast processing** of data

> **Persistent helped us accelerate insights development and dashboards for business users by modernizing our data stack in under 4 months.**
>
> Karl Mosgofian, CIO, Gainsight

Get your first data-driven use case in 2 weeks with a pre-integrated data technology stack.   **Request Demo**

About Persistent

With 12,000+ employees around the world, Persistent Systems (BSE & NSE: PERSISTENT) is a global solutions leader delivering digital business acceleration, enterprise modernization, and next-generation product engineering across industries and geographies. By mobilizing data with a modern platform, Persistent's Data-Driven Business & Intelligence offerings give enterprises a continuous flow of insights to unlock growth.

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