

Client Success Story—Data & AI | Data Reliability

Fortune 25 Healthcare Enterprise



“Hylaine brought enthusiasm to solve our hard problem—without ever pretending to know everything or making us feel like we didn’t know what we were doing.” – CIO

Challenge:

No clear view of where data comes from, how it’s used, or whether it can be trusted after acquisitions.

Solution:

Designed and delivered a **data reliability framework** to improve observability and data quality across critical systems.

Results:

- **\$1M+** in risk exposure avoided
- **80%** faster root-cause analysis
- Auto-detection of **80%+** of data anomalies in key pipelines
- Enabled data conversion to transition a **\$1B+** business to a new platform

Client Success Story—Application Development

Specialty Insurance Provider

Challenge:

- **Time consuming & error-prone manual regression** testing for underwriting product
- **Slow development of new underwriting rules** due to outdated tools and limited UI capabilities
- **Future scalability & reuse** limited by monolithic architecture

Solution:

- Integrated automated testing utilities into **Jenkins CI/CD pipeline**
- Applied modern, user-friendly **UI testing platform** to make rule development faster and easier
- **Extracted core functions** into microservices to enable future consumption and reuse

Results:

- **Reduced execution** time from days to hours
- **50% faster development** cycles through accelerated underwriting rule authoring
- **Modern UI** improved system responsiveness and usability for underwriters
- **Increased quality** and consistency of testing, reducing defects in production
- **Positioned product for future scalability** with modular, microservices-based architecture

“Hylaine’s understanding of our organization is a key strength. This partnership isn’t pushy; it’s more collaborative and organic.” –CTO

Client Success Story—Data & AI | Data Engineering & Architecture

Investment Management Firm

Challenge:

- **Outdated ETL process**—Legacy sales calculation was slow, error-prone, and hard to troubleshoot
- **Delayed insights**—Long cycle times held back timely data for ERP and downstream systems
- **Rigid operations**—Tightly coupled business processes limited flexibility for future change

Solution:

- **Stabilized legacy system** (Informatica) to improve performance and reliability
- **Re-platformed ETL** to Microsoft Azure Data Factory and Azure Data Lake
- **Designed new modular architecture** to decouple business processes and simplify troubleshooting
- **Integrated 10+ source systems** (AS400, HR, Sales, Marketing, External Partners) into a unified data lake

Results:

- **2+ hours saved** per cycle (~500+ hours annually) by reducing ETL runtime
- **99.9% uptime achieved** with significantly fewer failed runs
- **Near real-time data** access enabled for ERP and analytics, accelerating decision-making
- **50% faster troubleshooting** and change management through modular design
- **Scalable cloud infrastructure** implemented to future-proof growth and M&A

“They’re not trying to cut corners or push for a quick sale. *I truly appreciate that.*”

—VP Application Development

Client Success Story—Advisory | Strategic Tech Assessment & Roadmap

Top 20 U.S. Biotech Firm

Challenge:

- **Poor architecture** and growing technical debt limited the performance of the legacy lung transplant platform
- **Critical updates at risk** as feature development slowed to a standstill
- **Usability and compliance at risk** due to UI/UX issues, timekeeping gaps, and data quality concerns

Solution:

- Designed a **scalable, modernized** organ transplant platform
- Used modern tooling across the stack for data migration, testing, and **streamlined development**
- Introduced **automated testing framework** to expedite future enhancements and approvals

Results:

- **Delivered FDA-approved application** on time and budget
- **40% faster approval timelines** achieved through automated testing and streamlined compliance readiness
- **70% fewer manual corrections** through fixes to usability, timekeeping, and data quality
- **Cut regression testing** from weeks to hours by automating 80%+ of the codebase

“Hylaine has deep expertise in all of their service lines, and partners with us for the best outcomes.” *–Data & Analytics Director*

Client Success Story—Advisory | Operating Model

Commercial Services Firm

Challenge:

- **M&A-driven growth**—Dozens of acquisitions introduced redundant tools, inconsistent processes, and rising spend that created inefficiencies in IT, finance, and budgeting
- **Inconsistent spend management**—Accumulation of similar and duplicative licensing costs with minimal visibility into budget and spending

Solution:

- **Budget Process**—Rapid assessment of current-state budgeting methodology and process to improve forecasting accuracy and visibility into spend across IT
- **Cost Optimization**—Roadmap to capture the major cost-saving opportunities our assessment identified, such as eliminating duplicate services and consolidating vendors

Results:

- **10x ROI**—Identified cost-saving opportunities worth hundreds of thousands of dollars, far exceeding the value of the engagement
- **Licensing Optimization**—Delivered a detailed action plan for consolidating and retiring licenses, with clearly defined savings per system
- **Process Modernization**—Implemented Zero-Based Budgeting and introduced best practices to improve transparency, accountability, and efficiency
- **Strategic Roadmap**—Equipped the client with actionable next steps to operationalize changes and sustain improvements across the enterprise