

**99%****Forecast  
Accuracy****<2 Min****Insight Generation  
Time****4+ Sources****Unified Data  
Integration**

## **Challenge: Disconnected Data & Limited Forecast Visibility**

A Lifesciences center needed a scalable way to connect clinical procedure data with commercial sales performance. Critical datasets existed across multiple sources (S360, IPR, MedMine, STS), but were not unified in a way that enabled accurate forecasting, real-time insights, or actionable decision-making for regional leaders.

Without a cohesive system, forecasting was manual, insights were delayed, and regional directors lacked the ability to quickly understand performance drivers or respond to market changes.

## **Solution: AI-Powered Financial Insights Engine Built on Palantir Foundry**

We designed and deployed a fully integrated Financial Insights Engine within Palantir Foundry, unifying multiple data sources into a single analytics layer, applying validated forecasting models, and delivering real-time, business-ready insights through an AI assistant built for regional leadership.

- **Predictive Forecasting Engine with Proven Accuracy:** Built and validated regression-based models that link clinical procedure volumes to commercial outcomes, delivering highly accurate forecasts across short- and long-term horizons and enabling confident, forward-looking decision-making.
- **AI-Powered Insights & Natural Language Interface:** Developed an AI assistant using Claude Sonnet within Foundry's AIP layer, allowing regional directors to query complex datasets in natural language and receive clear, actionable insights, performance narratives, and strategic recommendations.
- **Unified Data Foundation with Real-Time Intelligence:** Engineered scalable data pipelines and an ontology-driven model to unify previously siloed data sources into a single, reliable analytics layer, enabling real-time visibility, automated anomaly detection, and consistent data governance.