Large hospital system uses AI from Aible to increase speed to insight by at least **10x in 10 days**

Company Profile

Large Healthcare and Hospital System

Industry

Healthcare Services

Region

US

Challenge

Explore patterns associated with why a claim may result in an underpayment to enable more targeted collection efforts. Manual efforts were focused only on a few hundred disputed claims instead of many more underpaid claims each month.
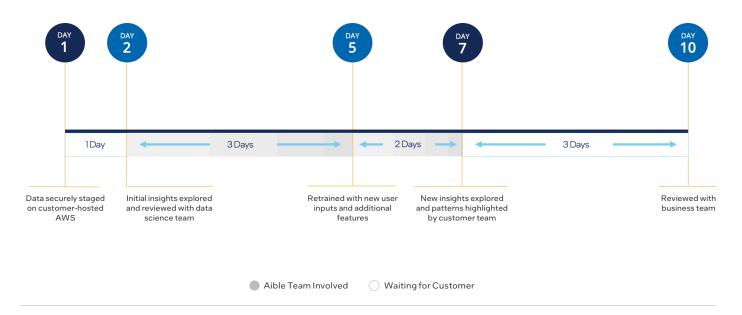
Solution

Data engineer / citizen data scientist was able to go from raw data to confirming the data has signal to exploring key underlying patterns and even build a predictive model in 1.5 hours.

Use Case & Project Details

- **Use case analyzed:** Underpaid claims

- **Potential Project Results:** 10X improvement in speed to insight

- **Time from data provision to project completion:** 10 days

- **Elapsed time from start of data evaluation to actionable insights on serverless infrastructure:** 6 minutes per dataset on average

Outcome

10X improvement in speed to insight.

DAY 1	DAY 2	DAY 5	DAY 7	DAY 10
	1 Day	3 Days	2 Days	3 Days
Data securely staged on customer-hosted AWS	Initial insights explored and reviewed with data science team	Retrained with new user inputs and additional features	New insights explored and patterns highlighted by customer team	Reviewed with business team

⬤ Aible Team Involved   ◯ Waiting for Customer

"Data security is crucial to our business. The Aible security architecture allowed us to analyze data in our own cloud instance without giving Aible access to the data. The implementation just took minutes on AWS and essentially only required us to approve one request on our AWS console."

- Technical Director, AI & ML

intel. + AIBLE