

Client Story

LearningMate Double Line
Extracts Meaningful & Actionable
Data for Community Schools

INDUSTRY

K-12 Public
School System

CHALLENGE

Disparate Data Sources
& Manual Entry

PROJECT SIZE

50-School System

SOLUTION

Unified Data Platform
& Actionable Data

Background

Introducing a school system consisting of 50 K-12 schools from elementary through high school, proudly promoting inclusivity and lifelong education.

With several disparate systems and data sources, the school system needed help making sense of (and using) assessment and attendance data as well as student grades, demographics, discipline, and on-track-to-graduate data. Team members were manually manipulating data in Microsoft Excel, which not only put pressure on resources but also meant that data was prone to error. And because it took weeks to complete this manual manipulation, the resulting analysis was often stale and unusable.

The school team was curious about the Ed-Fi Data Standard, a common language that allows education systems to securely exchange data from multiple sources. They also needed a way to unify their screening, diagnostics, progress monitoring, and baseline student data so they could better understand student progress.



With centralized, accurate systems and usable student data, school systems staff can conduct a deeper analysis of assessment data resulting in meaningful and timely interventions and actions.

The Solution

Enter LearningMate Double Line, the data arm of LearningMate, which specializes in unlocking data using modern data standards. We knew we could help the school system by integrating data and implementing dashboards to support their Multi-Tiered System of Support; an academic framework commonly used to give targeted support to struggling students.

We started by investigating the data collected by the department and determined that the Ed-Fi data standard was a good fit. We then went on to configure an Operational Data Store and dashboards for actionable insights.

Here's how we did it.

- We mapped school data sources to the Ed-Fi data standard.
- We developed cloud-native automated ingestion into the Ed-Fi Application Programming Interface (API).

- Once the data was unified, we worked with the school to develop a series of data dashboards for Microsoft Power BI.

The deliverables.

- An Ed-Fi implementation to unify student records (Student Information System, intervention prescriptions, and student assessment data).
- An actionable dashboard with an Early Warning System and Intervention plug-in for instructional staff.
- A Power BI MTSS Dashboard for district leaders.

Impact & Outcomes

As a result of working with LearningMate Double Line, the school system now has a modern and unified data platform aligned to the Ed-Fi standard. They also have an accessible and actionable Multi-Tiered System of Support to help students who are struggling.

With centralized, accurate systems and usable student data, school system staff can conduct

a deeper analysis of assessment data, resulting in meaningful and timely interventions and actions.

And the best part? Personnel no longer have to spend weeks manipulating data on spreadsheets, which means they can focus on what they do best: helping students feel seen, heard, and be successful.

Reach out to us at:
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