

CLIENT STORY

New Mexico Establishes Statewide Longitudinal Data System to Improve Student Outcomes



Background

On a mission to expand the accessibility and usability of statewide educational and workforce cross-agency data, the state of New Mexico set out to integrate data from four state agencies, including the Early Childhood Education and Care Department (ECECD), Public Education Department (PED), Higher Education Department (HED), and the Department of Workforce Solutions (DWS).

Data integration was essential for identifying at-risk students, predicting achievement gaps, and making informed decisions about education and workforce policies. However, disparate systems created a shared challenge in getting a complete view of

student performance as they moved through each educational stage, from early learning through post-secondary and workforce, known as P20W+.

To address the challenge, the state of New Mexico launched the RISE NM (Research Informing Success in Education) project, a collaboration among state agencies to implement a modern, cloud-based Statewide Longitudinal Data System (SLDS). Realizing the complexity of integrating multi-agency data, the state knew it needed support from a vendor with the experience and expertise to succeed with such a complex data initiative.



“Data-informed decisions are essential in meeting the needs of today’s students and in making the best use of resources.”

DR. KURT STEINHAUS, PUBLIC EDUCATION SECRETARY
New Mexico Public Education Department



The Solution

Enter LearningMate's Double Line data solutions team. We love complex, multi-system projects, and education is our specialty. So, we knew we could help while understanding the importance of doing so in a standards-compliant, CEDS-aligned, carefully governed manner.

We began designing and building a robust data solution, allowing participating state agencies to scale data quickly and reliably. Using proven, repeatable solutions we've developed and implemented for other projects allowed us to maximize the impact of New Mexico's budget. Key components of the solution included:

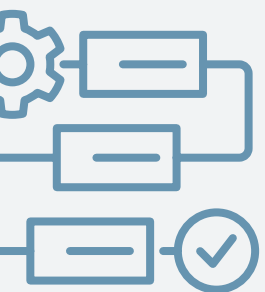


INTEGRATION WITH EXISTING SYSTEMS

The new system was designed to integrate with existing agency systems, allowing for scalable and reliable data management.

MASTER PERSON INDEX

This index was developed to offer a complete overview of a person's educational path from early childhood through higher education and into the workforce.



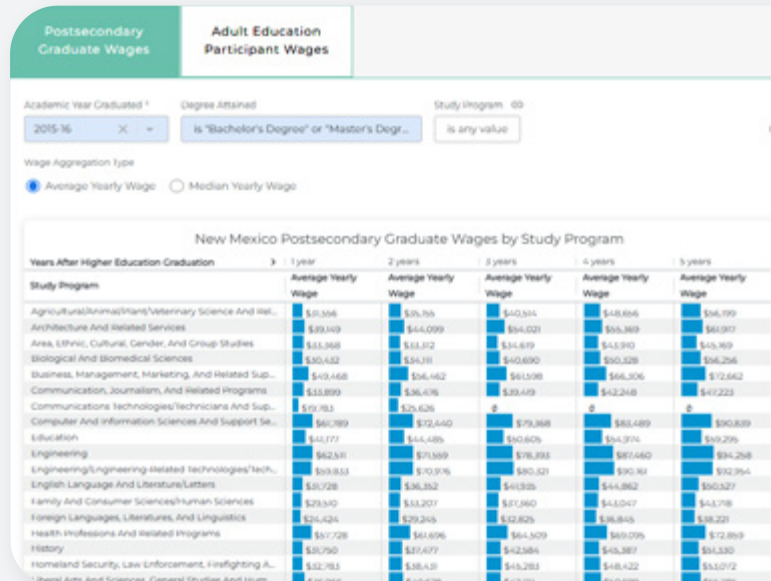
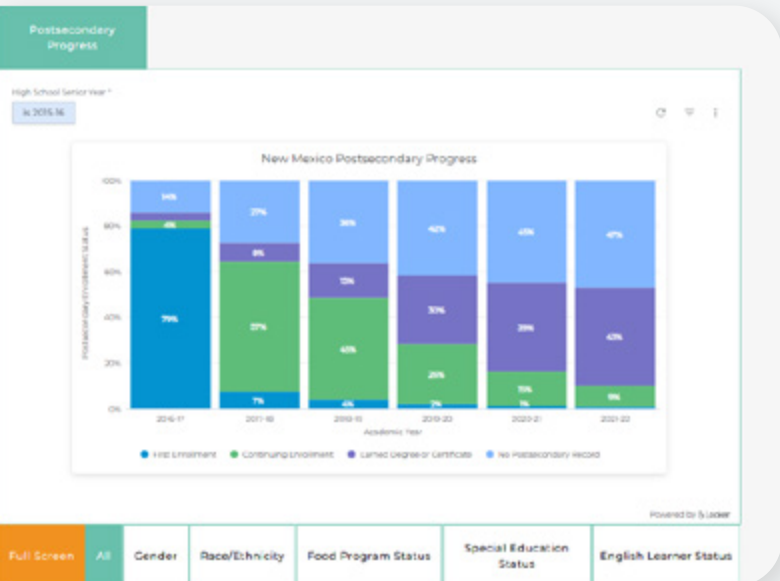
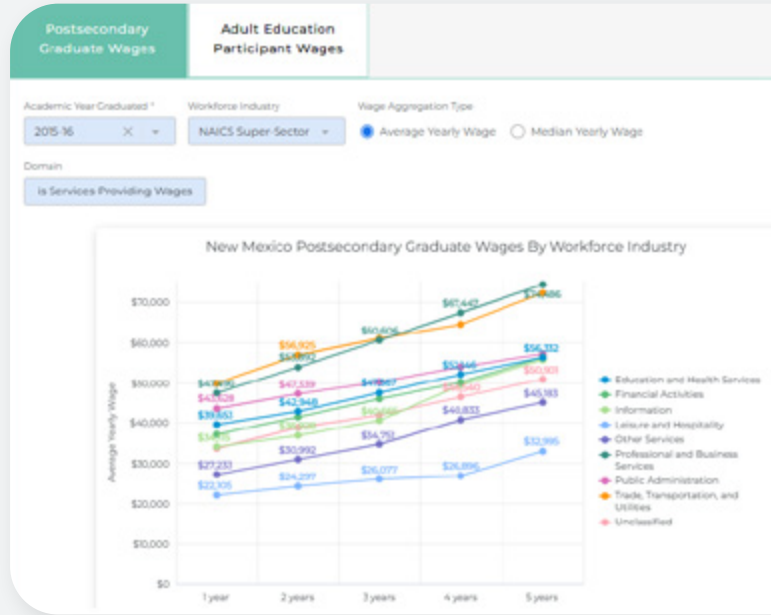
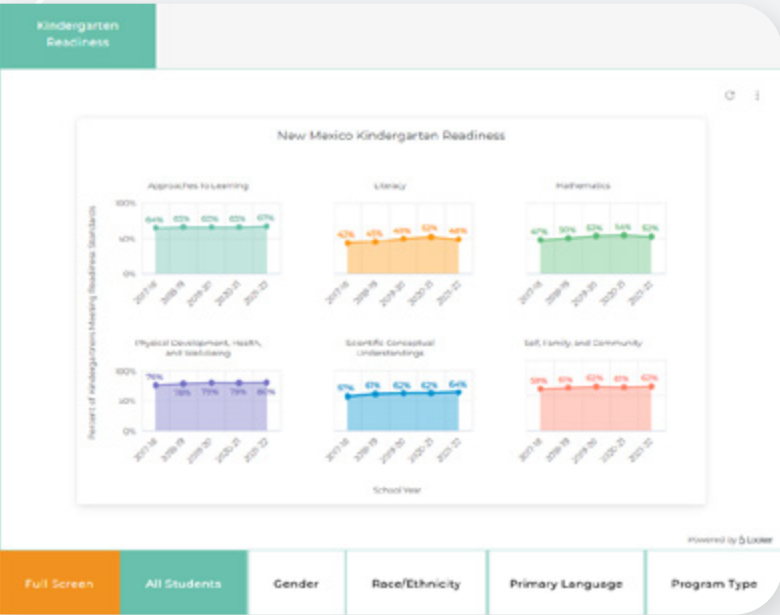
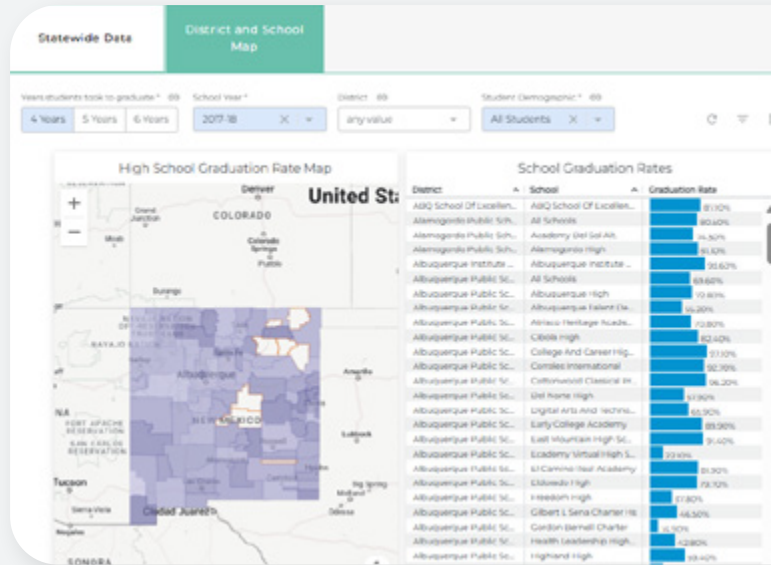
TECHNICAL APPROACH

The solution employed Common Education Data Standards (CEDS), Artificial Intelligence, and Machine Learning for Master Identity Management, along with Google BigQuery and Looker for analytics. This strategy ensured compliance with standards and effective data management.

"Our new longitudinal data system will help us track the growth and development of New Mexicans beginning in their earliest years, throughout their educational journey, and into the workforce – giving us invaluable insights into the long-term impacts of early childhood programs and policies."

Elizabeth Groginsky | Early Childhood Education & Care Cabinet Secretary

Data Dashboard Solutions



Impact & Outcomes

By partnering with LearningMate's Double Line data solutions team, the state of New Mexico is now at the forefront of a multi-agency data solution aimed at enhancing student outcomes. This solution allows each agency to track data to assess progress, analyze long-term trends, and connect data to inform decisions and policy-making. The SLDS also empowers New Mexico to utilize evidence to more effectively address questions regarding its education and workforce system, ultimately enhancing services for students and workers.

Additionally, post-secondary institutions can evaluate how well their programs align with workforce needs and how effectively their graduates are prepared to contribute to high-demand careers.

***The best part?** The state isn't locked into a specific vendor, making this a state-owned solution that is sustainable and independent.*

We enable our clients to confidently lead in the face of technological change. They constantly push the boundaries of what's possible, and we're proud to be their partner in transformation.

[Discover more client stories of change.](#)



REACH OUT TO US AT:

communications@learningmate.com
learningmate.com

LearningMate
A STRAIVE COMPANY

