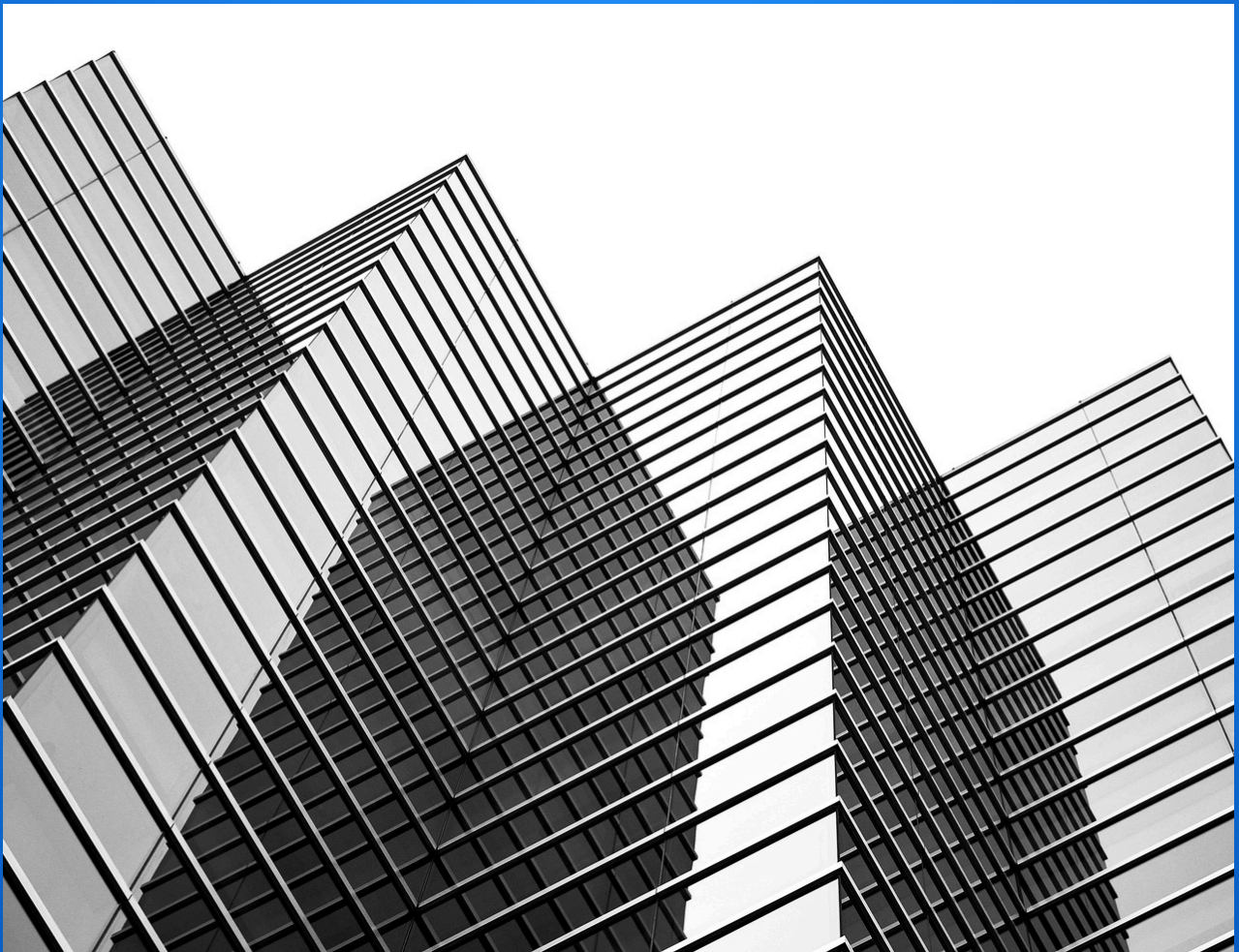




Data Ladder Increased Data Linkage Accuracy by 97% for State-Level Education Systems



Data Ladder Increased Data Linkage Accuracy by 97% for State-Level Education Systems

Learn how Data Ladder transformed decision-making in education by significantly improving match accuracy in student data systems.



97% average data linkage accuracy rate (vs. industry standard of 85%)



Nearly double the identification of post-secondary education students



Improved decision-making for educators and policymakers



Proven track record of working with Departments of Education from the States of Nevada, Virginia, Connecticut, and Massachusetts

Our data linkage accuracy went from 22% to 41% using Data Ladder's software. This improvement impacts everything from student outcomes to property values." – Education Administrator, State P-20 Program

About

Data Ladder is a leader in data quality and record linkage solutions. We help organizations across industries improve decision-making through better data management. In the education sector, our software helps educators and administrators harness the power of data to improve student performance and outcomes.

Challenge

Educational institutions face the challenge of making sense of massive amounts of student data, from demographics to performance metrics. These data sets are often fragmented and inconsistent, which makes it difficult for schools to track student progress and implement effective interventions. Educational institutions need accurate data matching and integration to create a seamless, data-driven decision-making system.

Key Challenges:



- **Limited feedback on student and teacher performance**
- **Inaccurate data records hindering student outcome predictions**
- **Difficulty in implementing real-time, data-driven educational improvements**

Solution

Benefit #1:

Increased Data Linkage
Accuracy

Data Ladder's record linkage tools dramatically improved match accuracy for educational data, achieving an impressive 97% rate compared to the industry standard of 85%. This helped educators better track student outcomes, such as post-secondary education attendance.

Benefit #2:

Predictive Data Analytics for
Student Outcomes

With Data Ladder's data analytics and mining software, schools can predict student performance on standardized tests and identify at-risk students more effectively, enabling timely interventions and improved decision-making.

Benefit #3:

Seamless Integration for
Statewide Longitudinal Data
Systems (SLDS)

Data Ladder's solutions support seamless integration of disparate data, from student demographics to teacher performance, making it easier for schools to build real-time dashboards that monitor student success at both individual and school levels.



Results

Data Ladder helped educational institutions significantly improve their data quality, enabling better decision-making and improved student outcomes. By increasing data linkage accuracy, schools can confidently assess student performance and make informed decisions for future policies and reforms.



97% vs. 85%

97% data linkage accuracy
vs. 85% industry standard

22% to 41%

Nearly doubled post-secondary
student identification (22% to 41%)

*"With Data Ladder's tools,
we've seen improved data
accuracy that directly
impacts our ability to make
informed decisions. We can
now achieve better student
success rates and make
policies based on highly
accurate data."*