Informatica

ERDC
Education Research & Data Center

Inside the Solution

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Summary

Washington state's goal is to improve the quality of the statewide education system, basing policies and programs on a clear understanding of the variables that cause some students to prosper while others struggle once they finish school. To achieve this, the state's Education Research and Data Center (ERDC) has invested in clean, consistent and connected K-12 postsecondary education and workforce data to gain a single, longitudinal view of each student over time.

Business Need

- Washington state was awarded a $17 million grant to enhance the statewide P-20 integrated education system, extending from preschool through higher education

- Legislators, researchers, educators and program owners analyze key risk factors (such as income, foster placement and school enrollment history) and their impact on academic achievement, and varying educational—and life—outcomes

Challenge

- ERDC integrates large amounts of data from multiple external agencies (e.g. the Department of Social and Health Services and Department of Corrections)

- It took four months for the ERDC team to manually integrate, cleanse and consolidate academic, student and external agency data before analysis could begin

- Inaccurate and inconsistent data dented causality analysis (e.g. non-standard dates and Social Security numbers, missing data, gaps in collection of some fields of data over time)

Solution and Results

- The Informatica platform created a data foundation for analyzing the variables that drive education and work outcomes

- 100+ key policy questions have been identified to be addressed with a datadriven approach, affecting the development of policies and programs

- ERDC has produced 10 research studies and four legislative reports during the past twelve months

Digital transformation is changing our world. As the leader in enterprise cloud data management, we're prepared to help you intelligently lead the way. To provide you with the foresight to become more agile, realize new growth opportunities or even invent new things. We invite you to explore all that Informatica has to offer—and unleash the power of data to drive your next intelligent disruption. Not just once, but again and again.