

Transforming K-12 Education with Data



School systems are becoming increasingly data-rich, with comprehensive student information systems providing various reports on student test scores, grades, attendance, discipline, well-being, academic interventions, and graduation.

Educators have an opportunity to leverage this wealth of data to enhance teaching and learning in their schools.

Data Analytics Assessment

Our Assessment provides educational institutions with a roadmap to transform their current data landscape into a modern enterprise scale data platform

- **Assessment of Existing Data Environments**
- **Facilitation of Data Use Cases and Desired Data Estate**
- **Identification of Findings and Recommendations**
- **Definition of Desired State Architecture**

Key Focus Areas

Curriculum and Academic Goals

Define what all students should know and achieve in each grade, subject and domain.

Staff Selection, Leadership and Capacity building

Select and develop leaders and teachers to ensure every student meets expectations.

Instructional Tools, Programs, and Strategies

Utilise effective programs, strategies, materials and time allocations to teach necessary content.

Monitoring Performance and Progress

Evaluate if students are learning what they should be.

Addressing Big Data Challenges in K-12 Education

Leaders of universities and schools face significant challenges with data today:

- **Data Silos:** Data is siloed within and across schools, making it difficult to obtain a holistic view.
- **Pressure to Show Value:** Educators are under pressure to demonstrate the value of their initiatives.
- **Comparison Difficulties:** Comparing results across different schools or departments is often challenging.
- **Limited Insights:** There is a lack of clear insights into the drivers of success.

Our Expertise in Education

With over 15 years of experience as a leading Microsoft Education Partner and a Microsoft Open Education Analytics (OEA) Advanced Partner, we excel in accelerating analytics and AI in the education sector. Our innovative solutions have earned industry recognition, including a notable project for the University of New South Wales, showcased by Microsoft CEO Satya Nadella. In partnership with the Centre for Change and Complexity in Learning (C3L) at the University of South Australia, we assist educational institutions in planning, deploying, and assessing educational technology. By combining deep learning analytics and learning sciences expertise with our practical experience, we help schools leverage data effectively, ensuring that school leaders and educators gain insights and make smarter decisions, to enhance teaching and learning.

Contact us today to get started!



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