

Data Maturity and Readiness Assessment



Education agencies are looking for better ways to integrate applications and data, and have learned that point-to-point synchronization between data systems is not sustainable. Furthermore, first generation data warehouses and dashboards aren't providing an adequate enterprise foundation to serve a growing need for accessibility to high-quality data.

Certica Solutions works with education agencies to evolve to a next generation data architecture that supports data integration and application interoperability in a manner that is efficient, cost-effective, reliable, and sustainable. Certica helps education agencies realize the benefits of next generation data architecture by providing consulting services in the areas of requirements definition, readiness assessment, architecture design and implementation planning services, tailored to meet organizational goals and objectives.

The goal of the Data Maturity and Readiness Assessment Service is to determine an organization's readiness to move forward with the implementation of a next generation data architecture, and to help the organization take the next steps toward increasing data maturity in areas such as architecture, integration, accountability, governance, privacy and leadership.

The Data Maturity and Readiness Assessment identifies and documents where an agency is, compared against a defined data maturity benchmark, known as the Education Data Maturity Model. This service assesses the agency's readiness to move towards their specific goals. The Education Data Maturity Model provides the foundation and framework for outlining the processes and pathways for moving forward on the data maturity spectrum. The findings of this service help to inform a roadmap toward increasing data maturity.

If an agency has done a current state assessment and requirements definition, this service can be viewed as a way to review the work that has been done and have a third-party validation of the current data maturity and readiness assessment before planning a roadmap and implementing a solution.

How Does Certica Engage?

Certica employs the Education Data Maturity Model as a framework for benchmarking and mapping an agency's evolving data architecture and systems. The Education Data Maturity Model is a multi-faceted and multi-tiered model created by leaders in education data management – including veteran data architects at Certica – and is based upon broad experience in the education sector. The Education Data Maturity Model has been developed based on input from thousands of LEA and SEA stakeholders.

To complete the Readiness Assessment, Certica evaluates the agency against all of the components of the Education Data Maturity Model, which include not only technical components such as architecture and integration, but also leadership, training, governance and accountability. Once the Readiness Assessment is complete, Certica analyzes and discusses the findings with the agency relative to plans and goals, and makes specific recommendations for areas of focus.

At the conclusion of an engagement, an education agency is provided with a Data Maturity and Readiness Assessment Report, which includes:

- A visualization of the Education Data Maturity Model
- A narrative assessment describing the agency's current state against the Education Data Maturity Model
- Rubrics to graph where agency is currently – and an explanation of what steps need to be taken to advance on the Education Data Maturity Model
- Live presentation of the findings and discussion