DATA
ECOSYSTEM

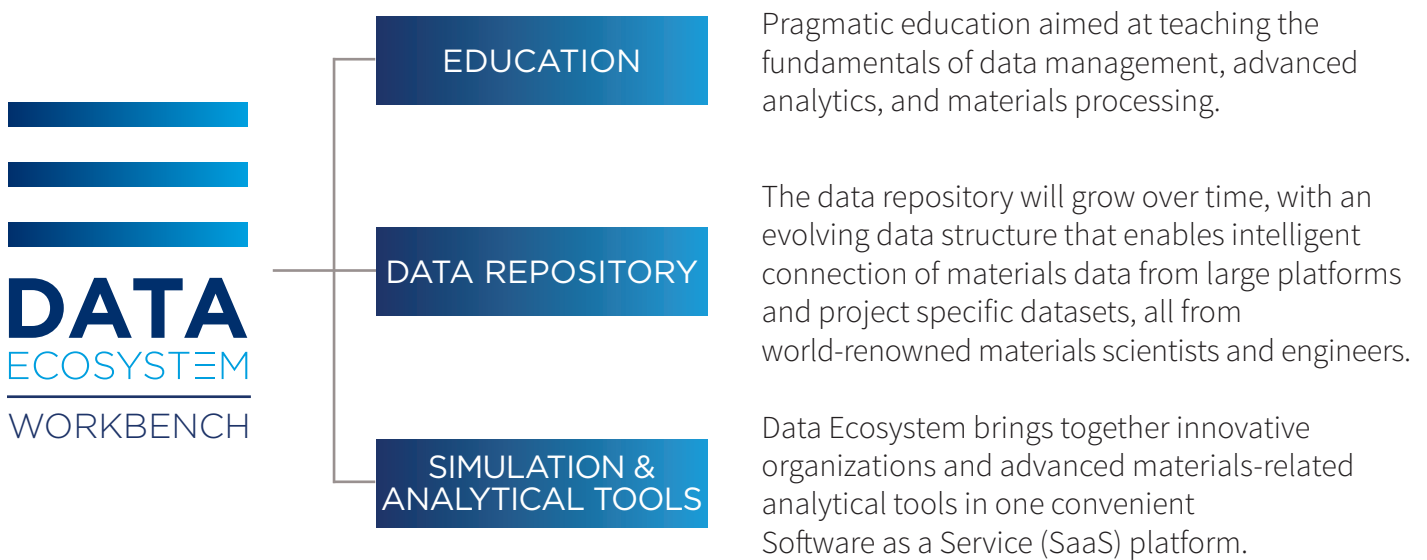**ENHANCING MATERIALS PERFORMANCE**

Transforming materials technologies in an all-in-one powerful and convenient platform.

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DATA ECOSYSTEM

Data Ecosystem lowers the barriers to entry for adopting advanced analytics, resulting in improved performance, better and faster materials and engineering innovation, and increased digital accessibility to the entire STEM community.

Data Ecosystem Workbench will provide a custom and secure workspace with the computational power required to run advanced simulations including machine learning, where users can extract the results of their analytics for further manipulation or curation.

DATA ECOSYSTEM WORKBENCH

EDUCATION

Pragmatic education aimed at teaching the fundamentals of data management, advanced analytics, and materials processing.

DATA REPOSITORY

The data repository will grow over time, with an evolving data structure that enables intelligent connection of materials data from large platforms and project specific datasets, all from world-renowned materials scientists and engineers.

SIMULATION & ANALYTICAL TOOLS

Data Ecosystem brings together innovative organizations and advanced materials-related analytical tools in one convenient Software as a Service (SaaS) platform.

2020–2021
Building the foundation based on expert Member insights.

Q1 2022
Launch of initial product offerings and prototype interface for the Data Ecosystem Workbench.

Q3 2022
Define additional features and products, including process simulation tools and upgrades to user interface.

2023
Significant enhancements made to multiple product interfaces, data repository expanded, and additional education courses available.

For more information, please contact
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