

Recommendations to support Artificial Intelligence and Data Science Education

Build a clear understanding of implementation success and gaps through **data and landscaping**.

Support **infrastructure development** that brings technological access and capable devices to rural and disadvantaged communities to close the digital divide.

Support the development or identification of **high quality instructional materials and tools** for instruction and practice.

Create guidance for **primary through graduate school pathways** including both fundamental big ideas and subject specific learning.

Invest in **updates to career awareness resources**, focusing on role based competencies instead of industry based activities.

Support continued teacher and faculty development to **ensure instructional capacity at all institutions**.

Create **local guidance** for educational pathways and the local industries and roles available to pathway completers.

Ensure **industry and other stakeholders are engaged** in all aspects of the process - at the table, a part of pathways, and a critical contributor to capacity building efforts.