## Recommendations to support Artificial Intelligence and Data Science Education

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

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

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

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

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

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

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

8. **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.

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