



MORGAN™

CENTER FOR EQUITABLE AI &  
MACHINE LEARNING SYSTEMS

## POSITIVES OF AI IN EDUCATION:

**Personalized Learning:** AI can tailor educational content to individual students, accommodating different learning styles, paces, and abilities. **Legislators should ask:** How can we ensure that AI systems provide equitable and effective personalized learning for all students?

**Efficiency and Accessibility:** AI can automate administrative tasks, provide 24/7 tutoring, and support remote or disadvantaged students. **Legislators should ask:** How can AI be used to bridge educational gaps and make education more accessible?

**Data-Driven Insights:** AI can analyze large datasets to identify trends and areas for improvement in educational systems. **Legislators should ask:** How can AI-driven analytics inform education policy and decision-making?

**Teacher Support:** AI can assist educators in creating customized lesson plans, grading, and identifying students who may need extra help. **Legislators should ask:** How can AI enhance teacher effectiveness and professional development?

## NEGATIVES OF AI IN EDUCATION:

**Bias and Fairness:** AI algorithms can inherit biases from training data, leading to discrimination, or reinforcing existing inequalities. **Legislators should ask:** How can we ensure AI systems in education are fair and unbiased?

**Privacy Concerns:** The use of AI in education involves collecting and analyzing sensitive student data. **Legislators should ask:** How can we protect students' privacy and data security?

**Overreliance on Technology:** An overreliance on AI technology might lead to reduced teacher-student interactions and limited critical thinking development. **Legislators should ask:** How can we strike a balance between technology and traditional teaching methods?

**Teacher and Job Displacement:** The adoption of AI in education may raise concerns about potential job displacement for educators. **Legislators should ask:** How can we ensure that AI enhances, rather than replaces, the role of teachers?

#### **LEGISLATION AND SUPPORT:**

**Data Privacy Regulations:** Enact and enforce stringent data privacy laws to protect students' personal information.

**Algorithm Transparency:** Require transparency and accountability in AI algorithms used in education to identify and rectify bias. (transparency scores, and transparent decision frameworks can help users visualize performance in this area)

**Equity Focus:** Develop policies that prioritize equitable access to AI-enhanced education, particularly for underserved communities.

**Professional Development:** Allocate resources to train educators in AI technology, ensuring they can effectively integrate it into their teaching methods.

**Oversight and Accountability:** Establish oversight bodies or committees to monitor AI implementation in education and regularly evaluate its impact.

**Research and Evaluation:** Fund research initiatives to continuously assess the effectiveness and impact of AI in education.

**Community Engagement:** Engage with educators, students, parents, and stakeholders to gather input and feedback on AI implementation.