# Bring Fairness in AI to the Forefront of Education

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# Project Description

- The main focus of AI systems has been to predict risks accurately (financial, business, medical, and legal risks)
- A lack of focus on equity may discriminate against protected groups
- **Develop interdisciplinary courses and educational modules on fair AI within the David Eccles School of Business and the School of Computing at the University of Utah.**

## Courses with Fairness Modules

- Considering different types of business and social decisions
- **Two new courses**: the importance of using algorithms that are fair and the different ways of debiasing algorithms
  - Fair Algorithms for Business Decisions (professional grad.)
  - Fair Machine Learning (undergraduate)
- Research collaborations will be used to develop use cases that help describe how fair algorithms can be developed, deployed, and how they improve outcomes in society

# Fair Machine Learning Course (SoC)

- Enhance the new **undergraduate B.S. degree in Data Science**.
- Part of two certificate programs: **Undergraduate Certificate in Data Science** and **Undergraduate Certificate in Data Fluency.**
- Complements existing **Ethics in Data Science** course as elective to discuss ethical issues from the adoption of AI technologies.
- **Trains the next generation data scientists for the Utah workforce, who employ, implement, or deploy fairer machine learning tools in the industry.**