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## Counter-story in machine learning

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## Digital Counter-Storytelling for Student Leaders FLC

# Counter-story in machine learning

Esperanza Huerta

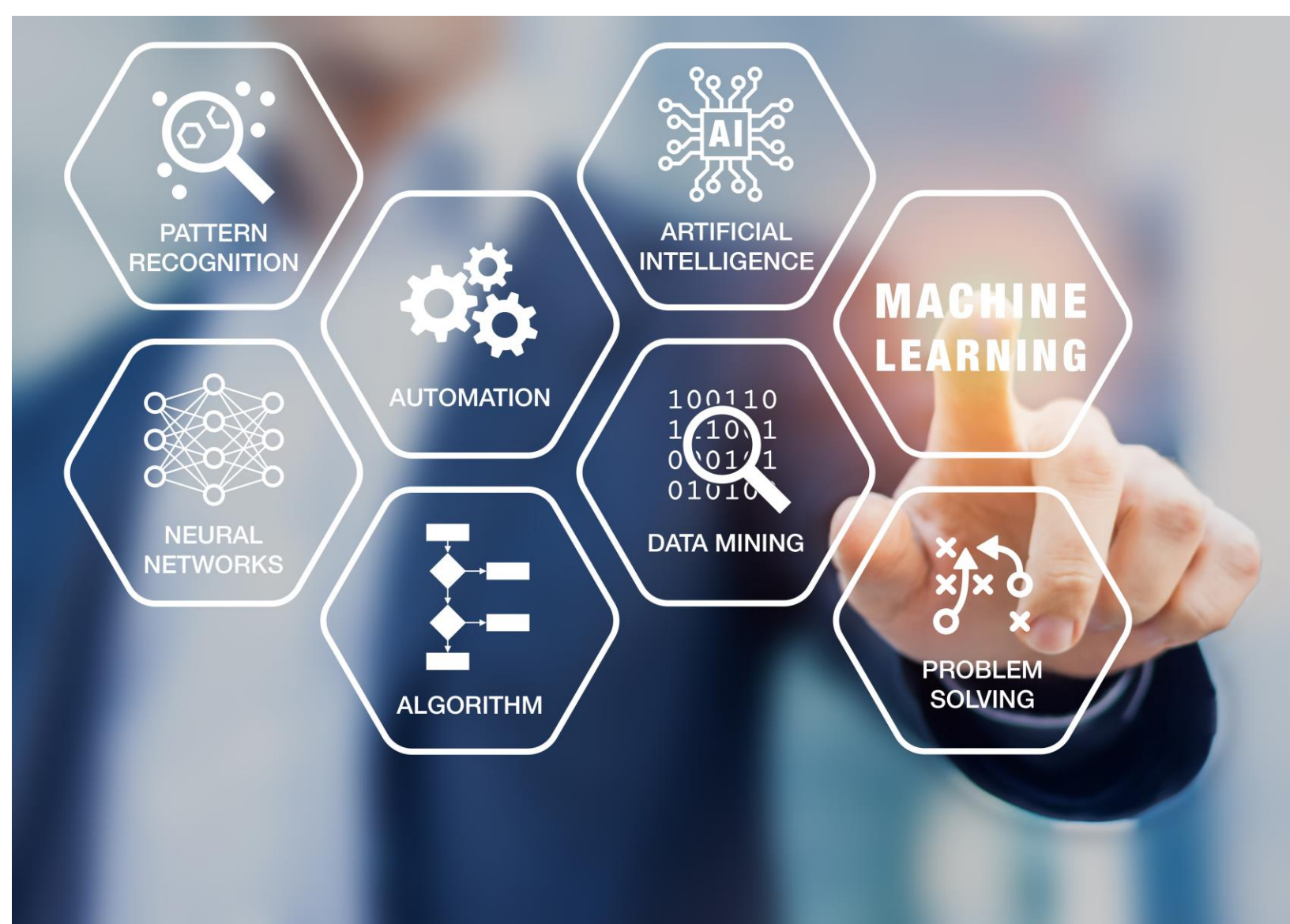
Accounting and Finance, Lucas College and Graduate School of Business

### Cultivating Belongingness through Programming and Systems Development in AIS

- A programming course to understand how accounting automates processes
- Learning objective: Develop programs to solve accounting problems
- We created a sense of belongingness by discussing how bias in machine learning algorithms has an impact on minorities

### Identifying and Growing Student Assets

- Students investigated how bias in the data used to train machine learning algorithms automate biased decisions
- They used: Frame.io for collaboration and Adobe Premier Rush to create a video
- Team work
- Communication across disciplines
- Oral communication



Story: computer and machine learning algorithms are objective



Counter-story: bias in the data used to train machine learning algorithms results in biased outcomes

### Creating Community

- I engaged in community making by participating in discussions across disciplines
- I learned from my peers strategies for discovering possible counter-stories
- Building community matters because it develops support networks, promotes better sharing resources, and enhances strength

### Student Well-Being and Success

- Fostering student success is important for SJSU because healthy and successful students have the capability to meaningfully contribute to the society
- Students' awareness of the story allows them to write counter-stories and document them in Adobe