**Benefit to Student**

Students gain exposure to data science-related technologies in an environment that is supportive and not intimidating. They are able to develop their critical thinking skills while participating in a guided exercise without the risk of failing. By gaining exposure to data science, they open themselves up to exploring a field with large job growth potential and gain valuable marketable skills.

The students get to discuss the problems presented from varying viewpoints enriching their learning by embracing the culturally diverse perspectives of our student body.

**Active Learning Technique Steps**

Guided Notes and Forced Reflection. Using the GenAI lesson format students are able to manipulate data to understand the significance and meaning of what they have generated.

This is paired with a real world problem that students then answer questions about and reflect on later in the lesson. The GenAI lesson format is applicable across all disciplines and easy to generate with the help of the GenAI team.

These two modules are designed to have the students work individually or as a group to investigate large datasets and then either generate a PSA or reflect on large themes within the field.