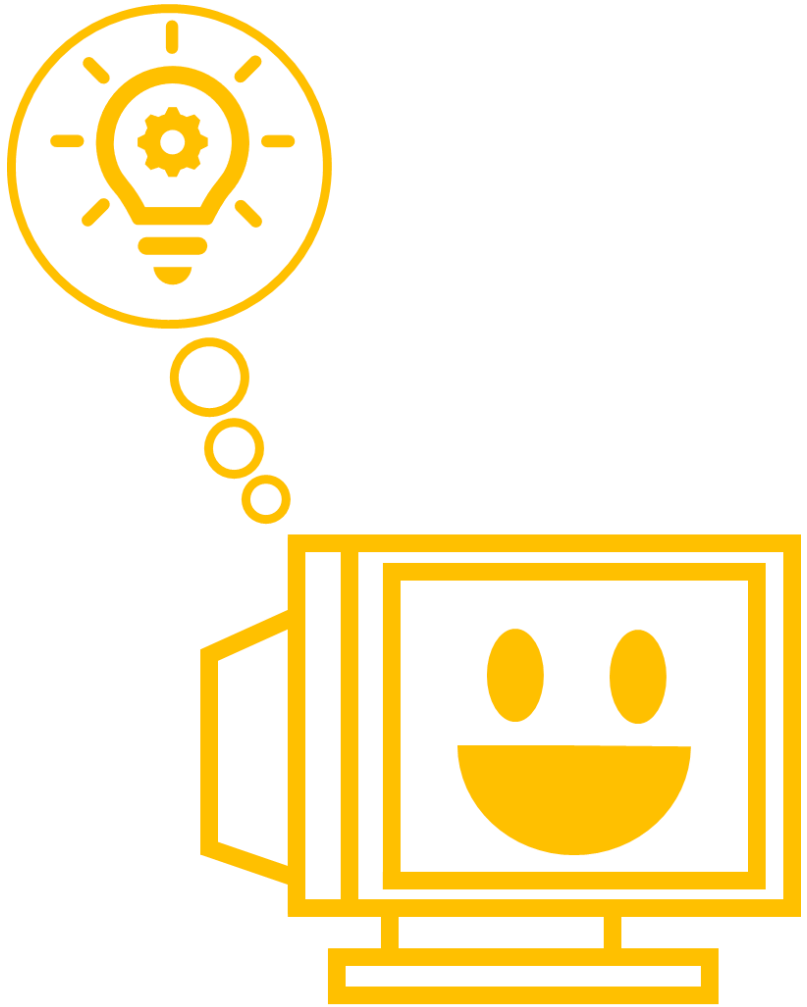
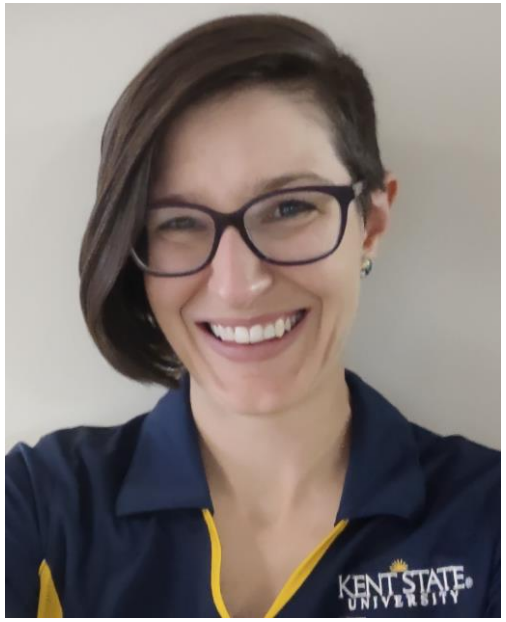


Unlocking Increased Instructor Efficiency and Creativity with Generative AI

Go to menti.com
&
use code 2525 1523

Facilitators



Sarah Beal, PhD | she/her
Professional Development Specialist

LeighAnn Tomaswick, MS, MA| she/her
Innovation Learning Design Specialist

AI-Enhanced Example to Engage Students

Clickable image via Mentimeter*

Image generated via Microsoft Bing Image Creator

- Prompt: “I want panda faces, one that is very happy, one that is angry or sad and one that is indifferent”

*free anonymous

KSU Instructor AI Survey: Perception & Use

When: Fall 2023

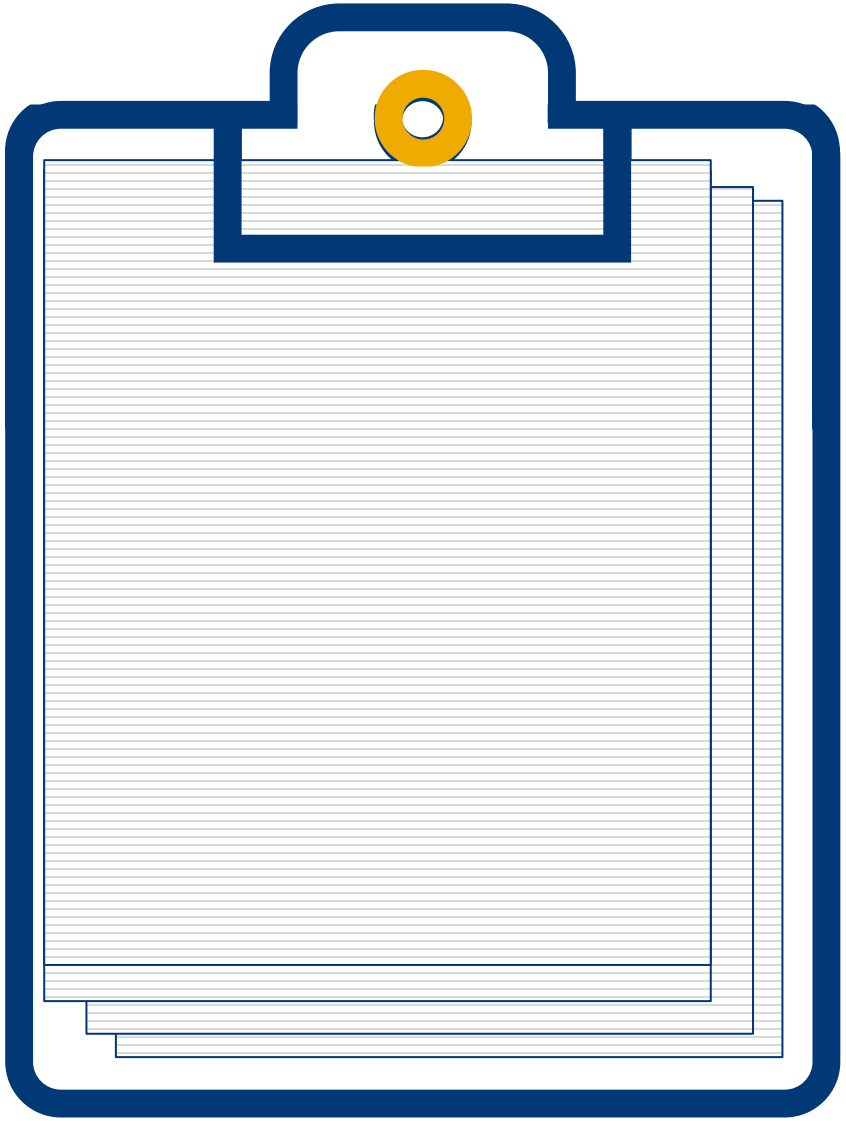
Who: All KSU instructors

How: Qualtrics link email

What: modified validated measures +

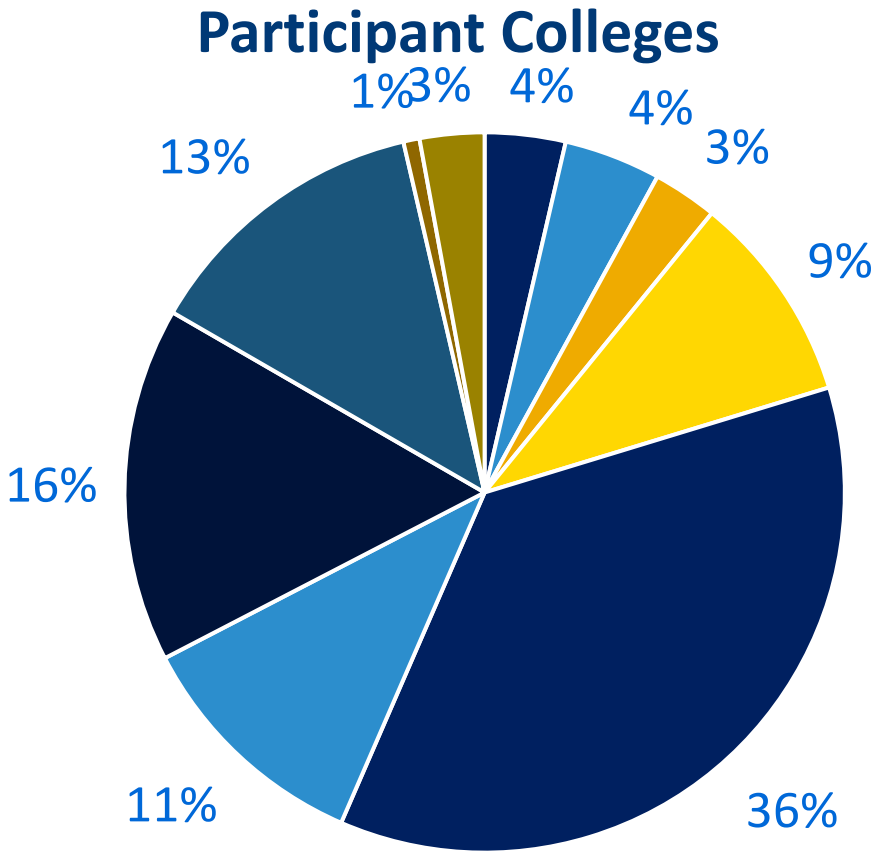
Wang's (2019) AI anxiety scale

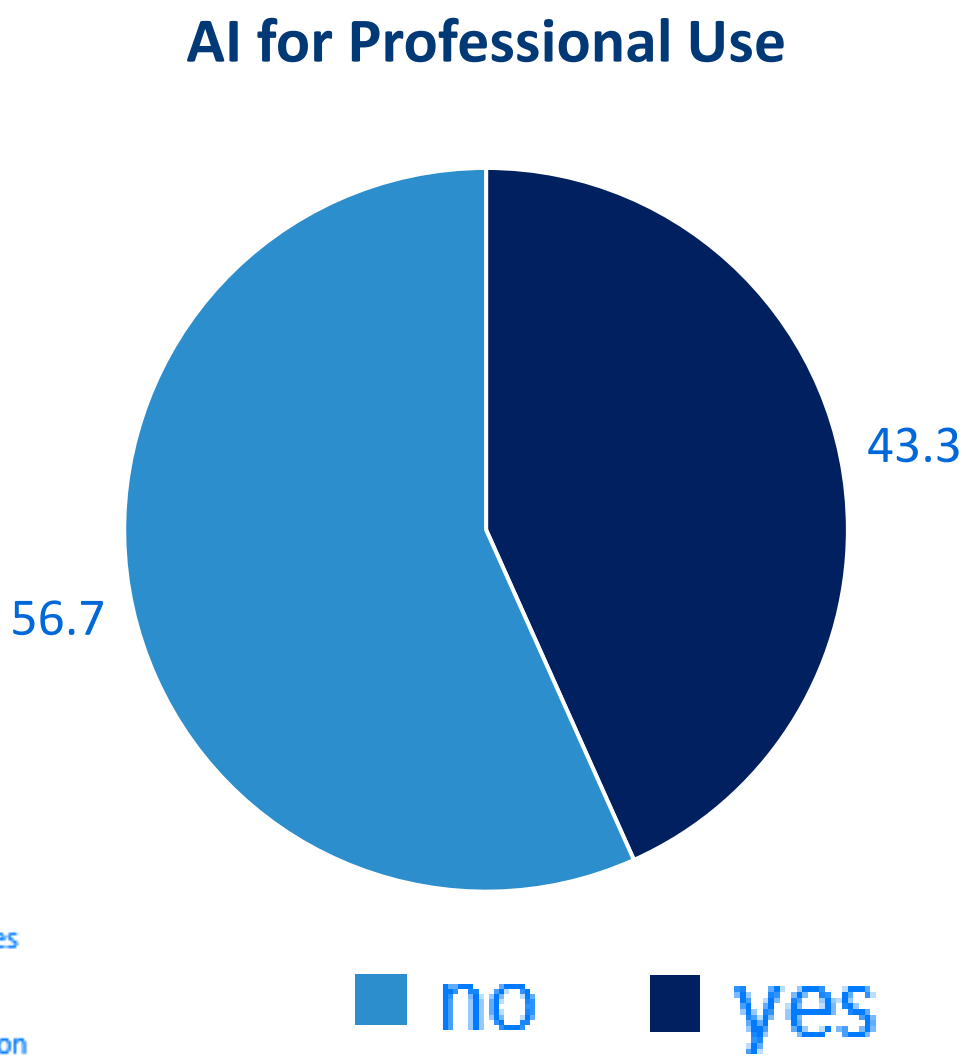
Suh & Ahn's (2022) Attitudes toward AI



141 participants from all campuses

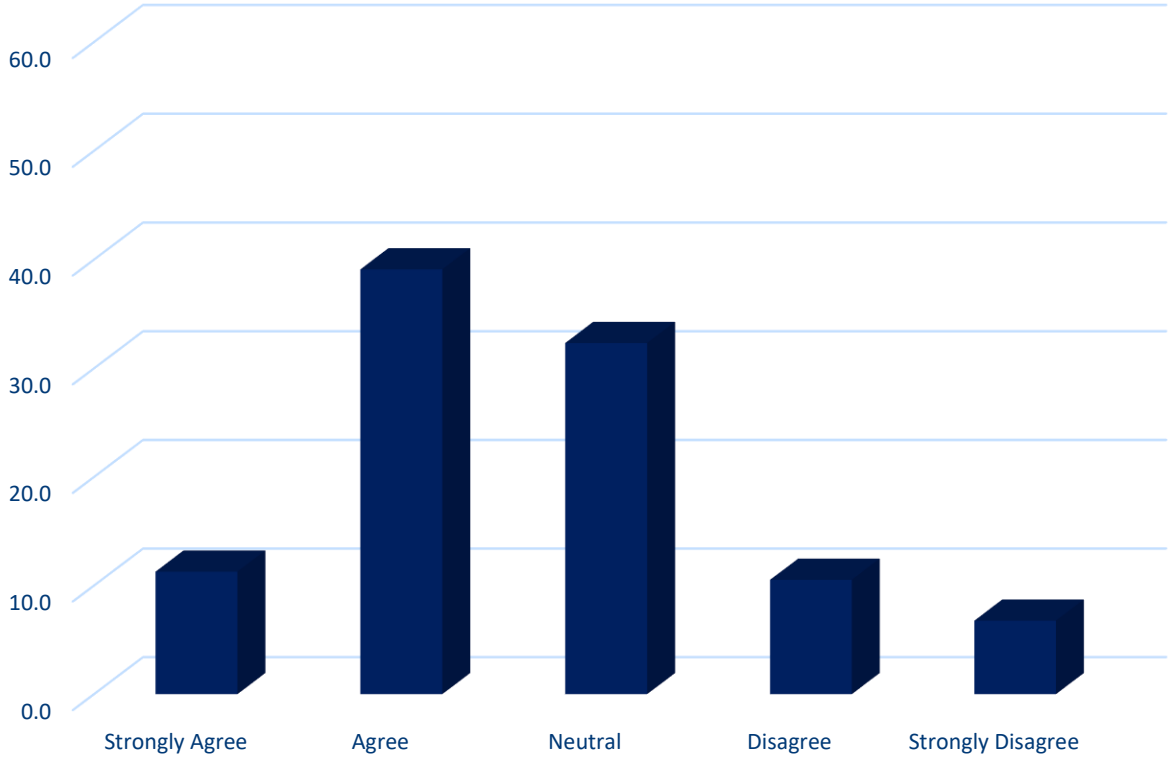
KSU Instructor AI Survey: Participant Basics





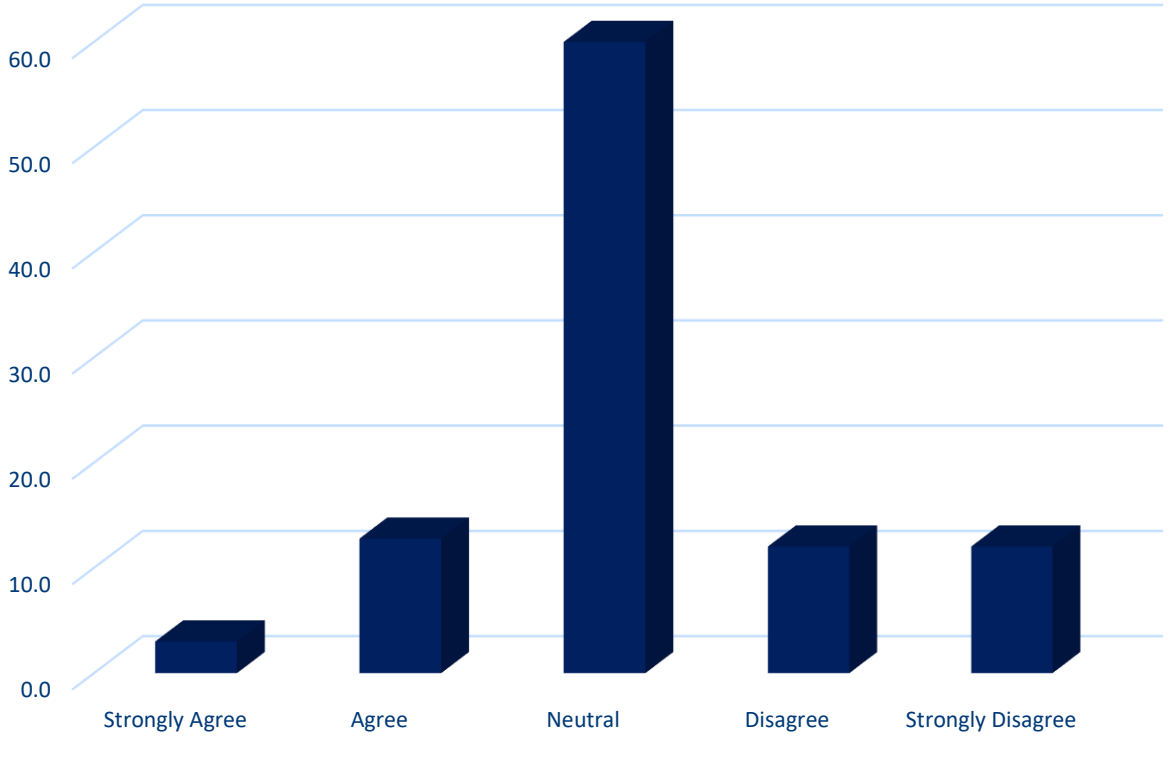
KSU Instructor AI Perception: General

I think AI makes people's lives more convenient.



~50% agree

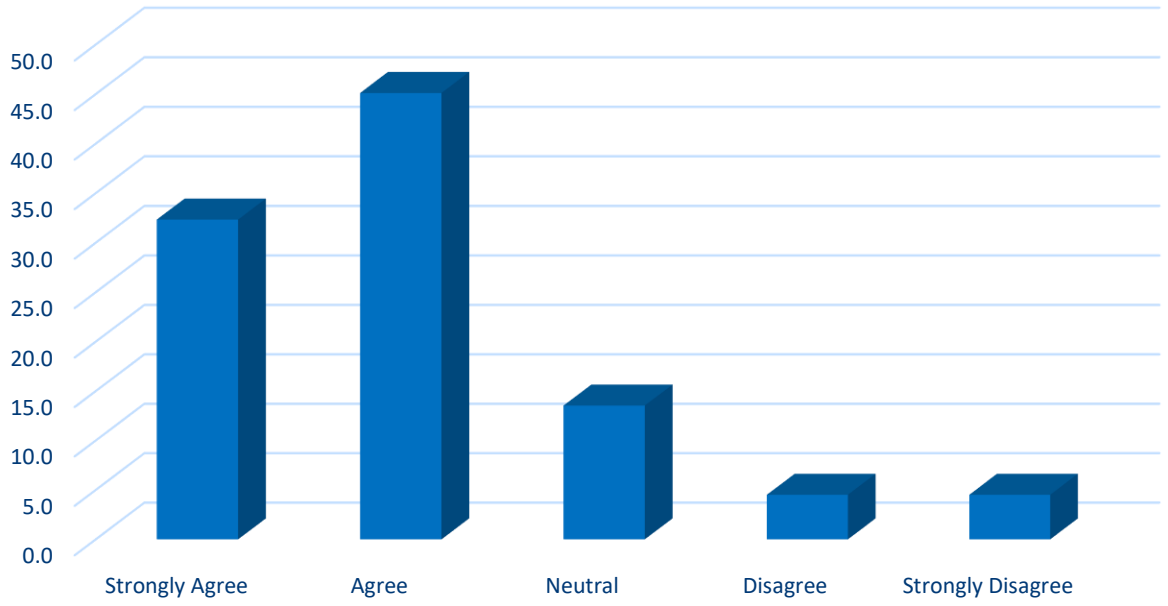
AI produces more good than bad.



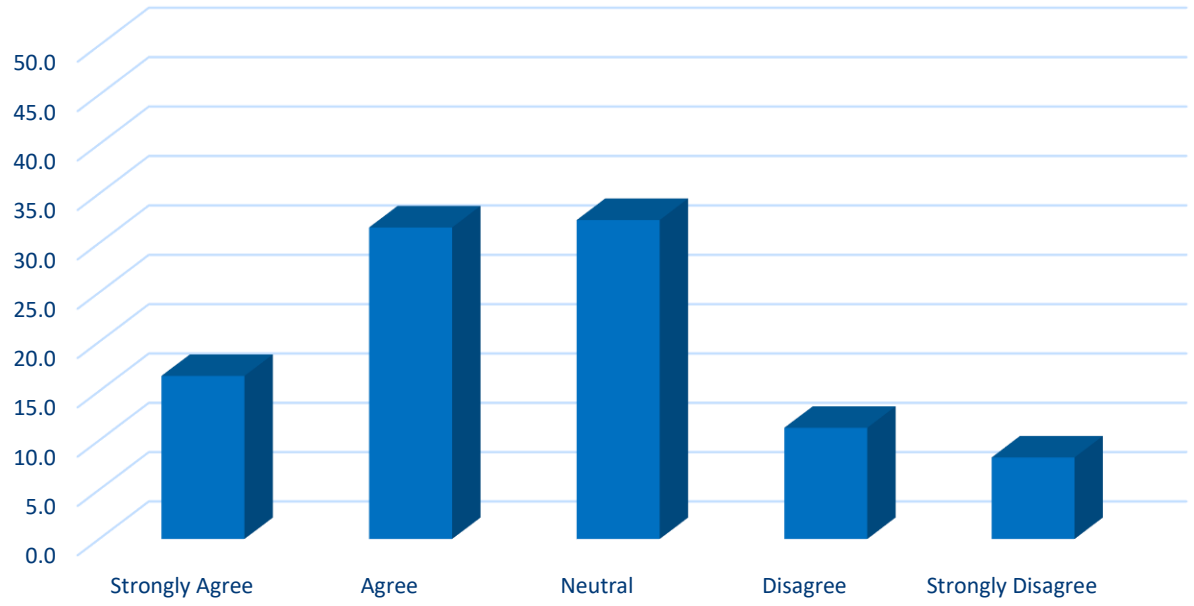
~55% don't agree/disagree

KSU Instructor AI Perception: College

I think every student should learn about AI in college.



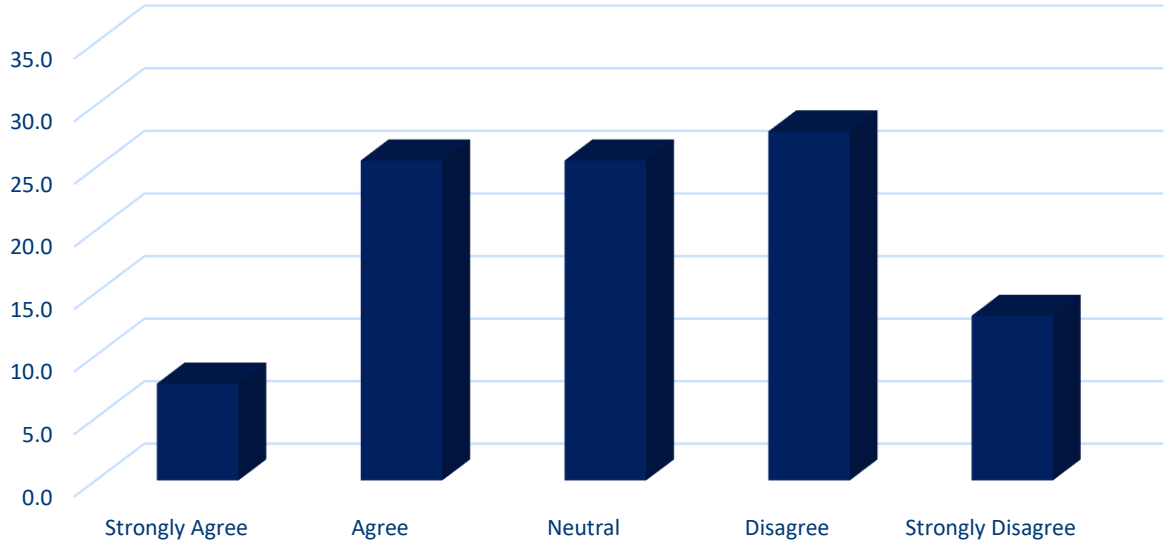
I think that there should be more class time devoted to AI in college.



Instructors think students should learn about AI in college but less are certain that more class time should be devoted to AI

KSU Instructor AI Fear

I am afraid that if I begin to use AI techniques/products, I will become dependent upon them and lose some of my reasoning skills.



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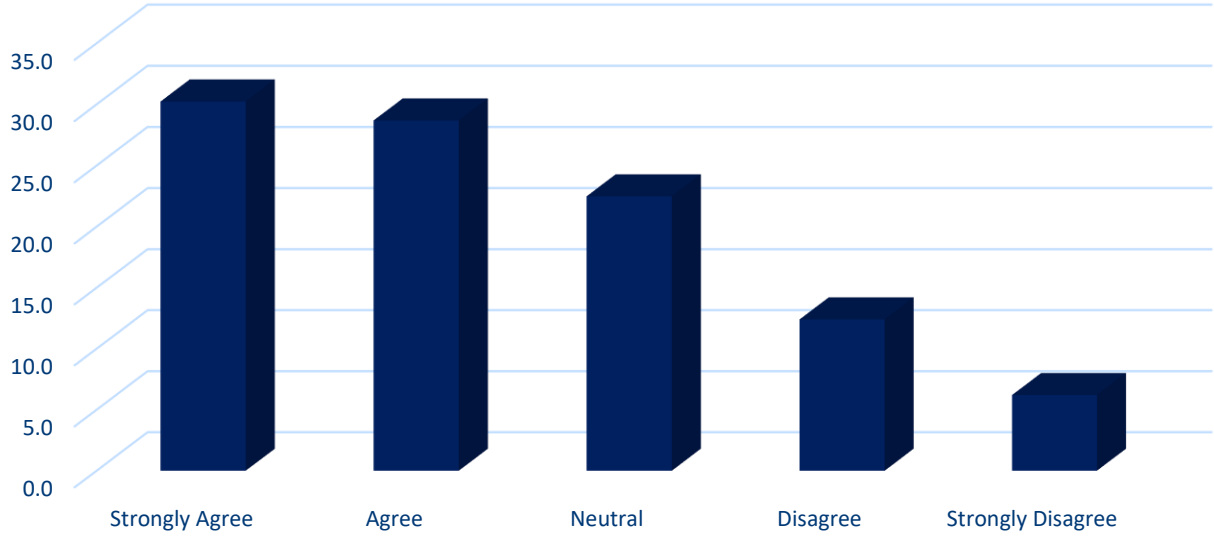
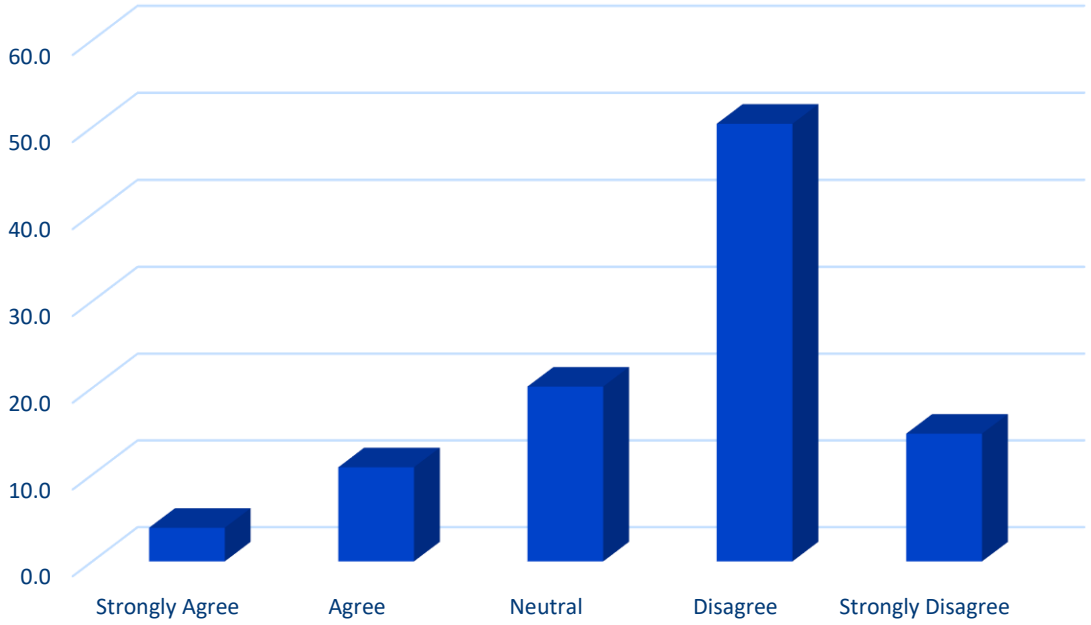


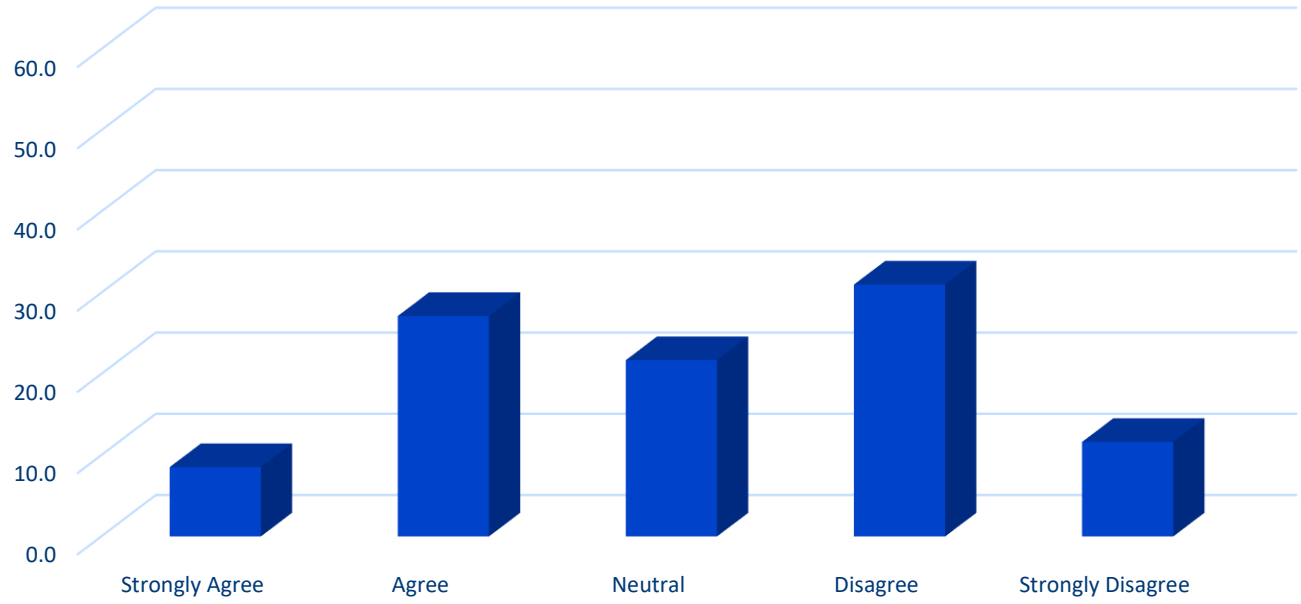
Instructors are less afraid of their use of AI than their students use…

KSU Instructor AI Anxiety

Learning to interact with an AI technique/product makes me anxious.



Being unable to keep up with the advances associated with AI techniques/products makes me anxious.



Instructors aren’t very anxious about interacting/using AI but more are anxious about keeping up with the advances

KSU Instructor Current AI Use

- Ethical use
- Its biased/flawed
- Creativity / learning
- Effects on society

- Not comfortable
- Not enough awareness
- Not enough time

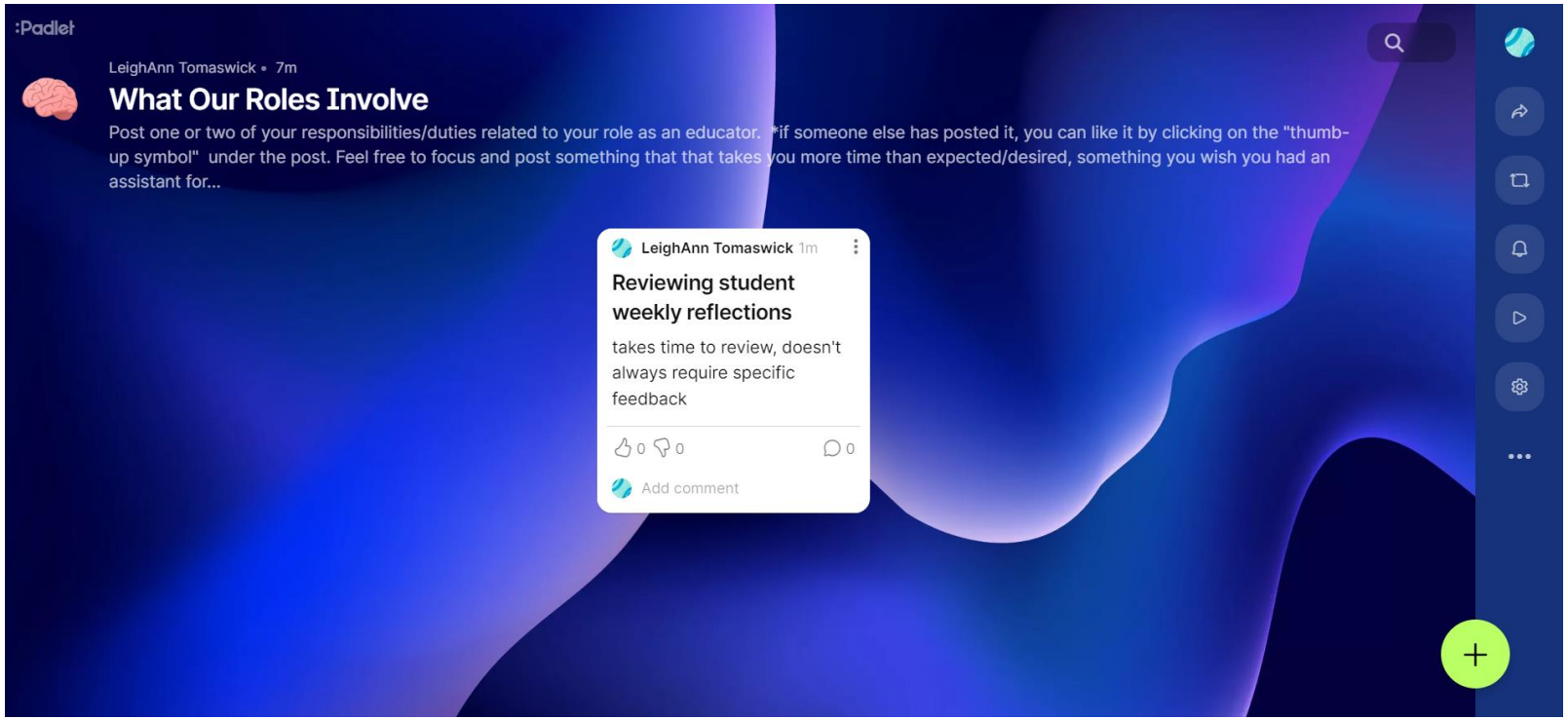
- Create metacognitive exercises
- Simplify language
- Paraphrase data
- Write a personal bio

This Photo by Unknown Author is licensed under CC BY-NC

“I wish I had an assistant for…” Padlet Brainstorm Activity

Click to post one or two responses to “I wish I had an assistant for ____” [insert responsibilities/duties related to your role as an educator]

Feel free to like other posts by liking instead of posting a duplicate



http://tinyurl.com/KSUEdroles

How can YOU use AI in your role as an educator?

- Class planning tool
- Engagement enhancer
- Assessment assistant
- Grading buddy
- Communication companion
- Writing & research helper
- Other duties as assigned

REMINDER

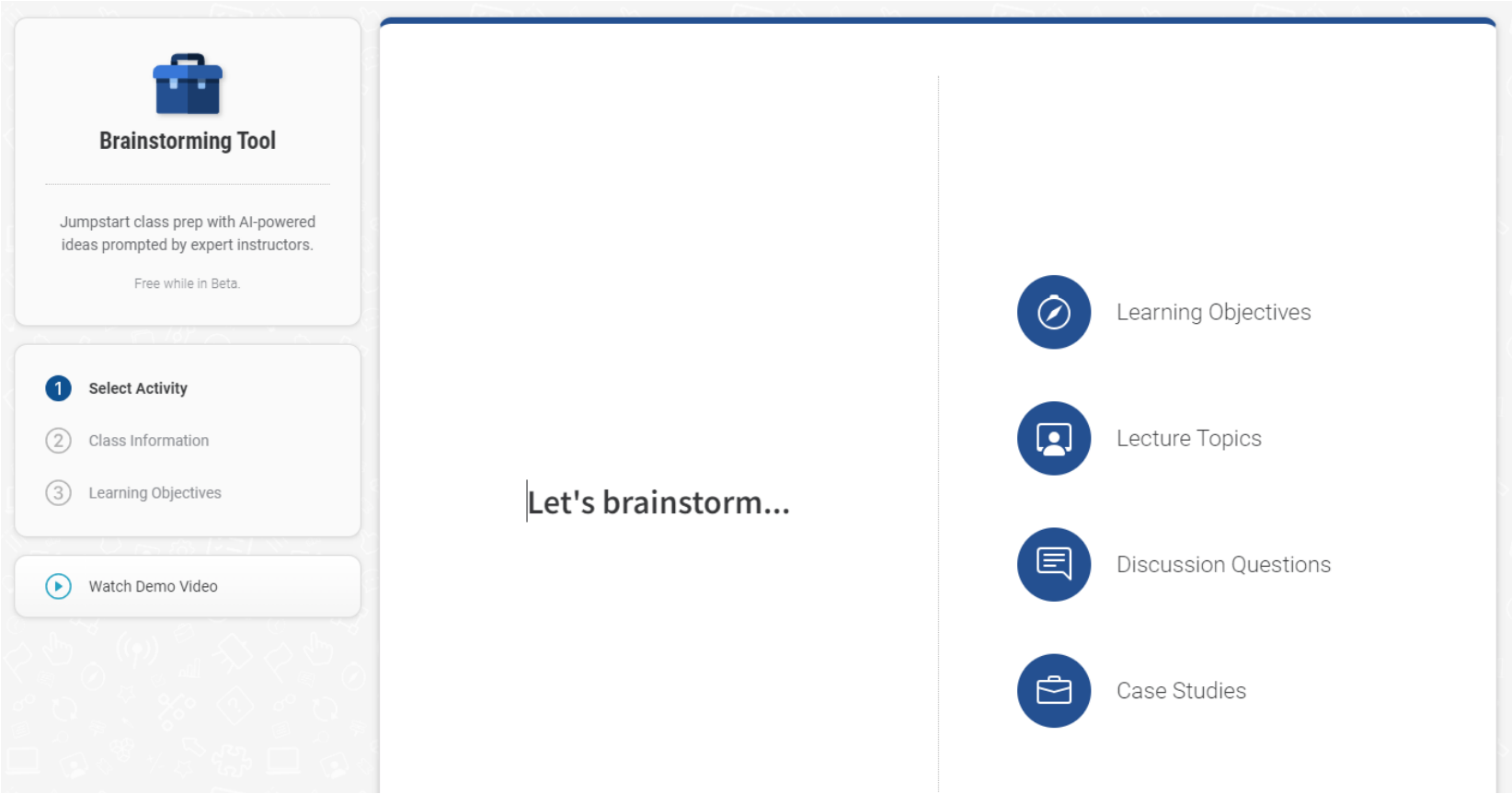
Be sure to review and revise all AI-generated content!!

AI as a Teaching Tool: Class Planning

- Creating learning outcomes / objectives
- Curriculum mapping / aligning accreditation standards with learning outcomes
- First draft syllabus or syllabus refinement

AI as a Teaching Tool: Class Planning

Demo



Engagement Enhancement Tool

- Design active learning activities
- Creating unique scenarios / case studies / examples / arguments / mistakes to edit
- Images
- Designing presentation slides, concept maps, graphs

AI Quiz Generation- Demo

ChatGPT Prompt: You are an expert in educational assessment. I am teaching a {**course name**} course and would like you to assist me in the creation of a # question exam on {**content/ chapter titles**}. I would like **#** of the questions to be multiple-choice, # questions multiple response, and **#** questions true-false. Each question is to be worth **#** points. Create the questions, the possible responses, and include the correct answers for me. Take your time to create good questions and answers and remember that the goal is to test students' knowledge on these subjects, not trick them. Remember, YOU are to create all **#** quiz questions for me, so keep working until you have created all of them.

Assessment Assistant

- Create questions
  - Turn your PPT into text outline, then feed to AI for quiz generation
- Create problems for students to correct
- Increase or decrease difficulty of questions

AI-Assisted Rubric Creation - Demo

Basic rubric design: context, criteria & points

"You are an expert teacher and curriculum writer, skills in assessing student work. Create student facing directions and a rubric for [insert class description and level] class studying [topic]. The students are doing [assignment title], in which they [assignment description]. Format the rubric as a chart and include a 3-point scale aligning with emerging, developing, proficient."

AI as a Grading Buddy

Rubric Modification

- Universal for Design / Flexibility

Grading using a rubric:

*"grade this assignment using this rubric and provide an overall summary of its strengths and specific steps for improvement"**

***Generate a feedback library**

Friendly reminder: FERPA

AI as a Feedback & Grading Buddy

"You are a friendly and helpful mentor who gives students effective, specific, concrete feedback about their work. In this scenario, you play the role of mentor only. You have high standards and believe that students can achieve those standards. Your role is to give feedback in a straightforward and clear way, to ask students questions that prompt them to explain the feedback and how they might act on it, & to urge students to act on the feedback as it can lead to improvement. Respond as bulleted questions"

Elements to define for the AI

- Context / tone
- Type of feedback (SWOT, positive reinforcement, points/grade)
- Lenth & type of feedback (short, paragraph, bulleted)

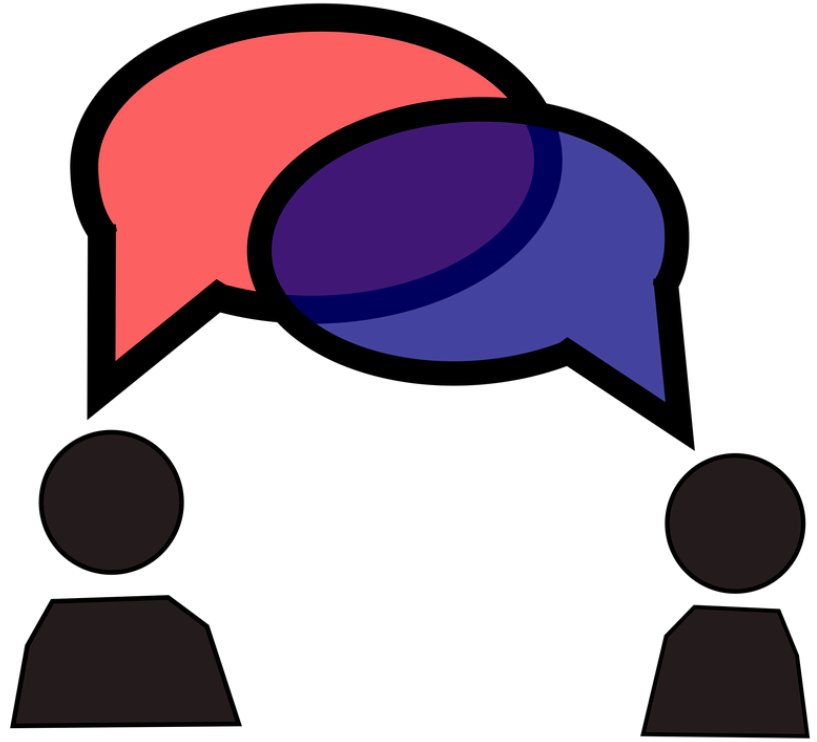
Review, edit, and send!

AI as a Communication Companion

Q: What reminders or messages to do you send to students?

- Input course schedule & design announcements for students

- Generate encouraging emails for groups of students
  - Struggling with assignments
  - Not showing up
  - Doing well



AI for YOUR Writing and Research

- Be a peer reviewer: Rephrase/rewrite/proofread
  - “Imagine yourself as a copywriter that I just hired to proofread documents”
  - “These are my ideas and things I enjoy and wonder about, develop a few research questions for me to further investigate...”
  - “What’s unclear about this? Please provide suggestions for editing to make it more clear for students.”
- Text-to-speech (website, pdfs, etc) or speech-to-text
- Preliminary scan of research (find, aggregate & summarize)
- Travel planning for conferences

Other Duties as Assigned…

Article reviewer ~~#2~~ 3

Be a second brain

Transcribe, outline and summarize meeting or video

Practice conversation

Track your time

Clarification Companion

Write/edit code

How can YOU use AI in your role as an educator?

- Class planning tool
- Engagement enhancer
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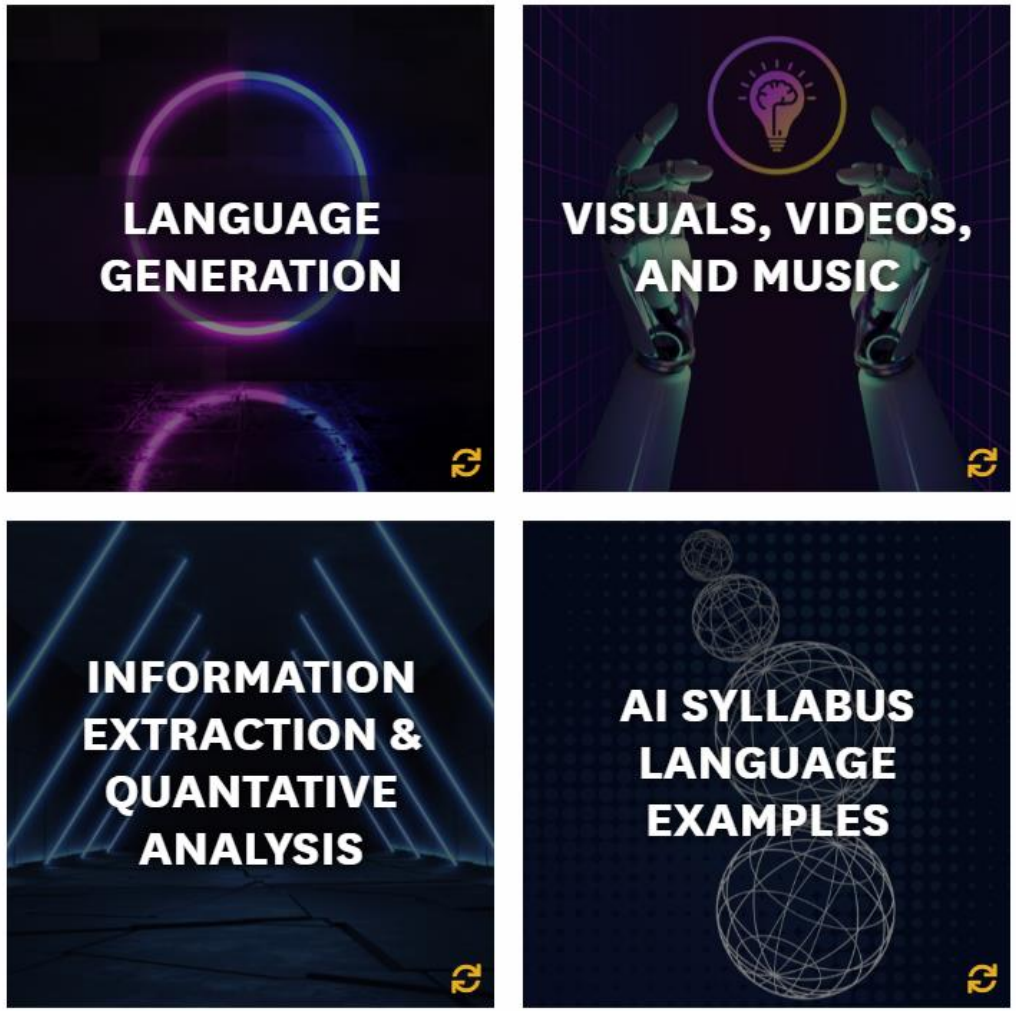
Teaching Recognition Awards!

1. Learn something
2. Make a plan
3. Schedule a consultation

https://www.kent.edu/ctl/teaching-recognition-awards

AI Resources Available



Thank you!

Contact us at ctl@kent.edu

Please complete the survey: