

TCE Assistant: Using Generative AI to Help Faculty Interpret Course Evaluations

Discipline: Health Sciences

Focus: Faculty tool, Course evaluations, Custom agent

Overview

Faculty can find Teacher Course Evaluation (TCE) reports stressful and hard to interpret, especially when qualitative and quantitative feedback is mixed or ambiguous. The TCE Assistant is an AI agent that helps faculty read their reports and plan changes.

What the assistant provides

- Easy-to-follow prompts.
- Tips for protecting privacy when sharing evaluation data.
- An objective, supportive summary of strengths, weaknesses, and key issues.
- Improvement ideas based on pedagogy, best practice, and innovation, including AI use.
- Encouragement to seek support from peers and CELT.

Evaluation

A pre/post survey measures faculty perspectives on TCEs, mood, confidence, autonomy, and relatedness about making changes, and system usability. As of the survey, 30 faculty had completed the baseline and 18 the post-test.

Tools

Microsoft Copilot agent, Qualtrics

What the instructor observed

Building an AI agent was feasible without a technical background. Early users found it intuitive and said it offered useful new insights. Prompt design and the agent itself continue to be refined from user feedback.

Advice for colleagues

| TII and CELT provide support and training for projects like this.

Materials

[Project files \(Google Drive\)](#)