Generative Artificial Intelligence in Measurement and Education

Introductions

Executive Board
▶ Chair: Chris Ormerod
▶ Co-chair: John Whitmer
▶ Secretary: Maggie Beiting-Parrish

Members in attendance
Introductions:
Name
Organization
What you can contribute and/or learn.

Meeting Norms

- Punctuality & Agenda
- Confidentiality of ideas and resources shared.
- Attribution and credit for work
- Collaboration and mutual support.

Overview of GAIME

Charter

We seek to create an intellectual home within NCME for researchers interested in:

- ▶ Item Generation
- ▶ Automated Scoring of open-ended Items
- ▶ Formative Feedback

Update the Status

Executive committee has agreed to put the matter to the full board at the July 21 meeting. Summary of points raised:

- ▶ How the GAIME SIGIMIE will be distinguished from the Big Data in Educational Measurement SIGIMIE.
- ▶ How to leverage NCME website infrastructure.

Outline the Benefits

Coordinated Sessions, NCME resources, collaborations.

Brainstorm

Speaker Series
- ▶ Foundational Research.
- ▶ Measure service implementation.
- ▶ Involving non-measurement industry.

Literature Review and Synthesis

Resarch project Collaborations

Promotion of Events and Resources

Dicussion

Initial Tools

Website
https://github.com/christopherormerod/gaime

awaiting NCME Approval for domain name

Generative AI in Education and Measurement   Home   About   Open Datasets   Events   Literature

Home

Welcome to the (proposed) Special Interest Group on Generative Artificial Intelligence in Measurement and Education (GAIME) with the National Council of Measurement in Education. Our goal is to serve as an intellectual home for data scientists and psychometricians interested in the application of AI to measurement and education.
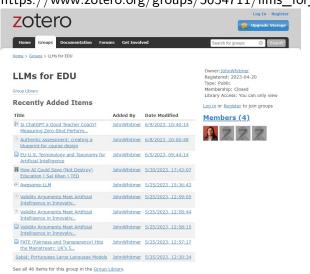
A draft of our charter can be found here.

Interested in joining us? The signup form can be found here. We currently hold monthly meetings and are organizing a speaker series.

Initial Tools

Zotero Group :

https://www.zotero.org/groups/5034711/llms_for_edu

Initial Tools

▶ Github Repo :

https://github.com/christopherormerod/gaime-example-code

awaiting NCME Approval for domain

▶ OSF Project Site

Guidelines for Fair Use

We need clear guidelines moving forward regarding fair and appropriate use of generative AI:

▶ Validity and Reliability

▶ Fairness

▶ Privacy and Security

▶ Accountability and Transparency

See https://duolingo-papers.s3.amazonaws.com/other/DET+Responsible+AI+033123.pdf

Meeting Close

Any final thoughts?