



# **Empowering Education with AI Unveiling Mark, Your Virtual Teaching Assistant**

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# Can You Protect Me From Yourself?



# Can AI Answer Questions about Itself?

- ❖ Risk of extinction
- ❖ Intelligent or only a stochastic parrot (Bender, Gebru, McMillan-Major, and Mitchell)
  - <https://doi.org/10.1145/3442188.3445922>
- ❖ Good or bad to the society
  - Productivity vs job displacement, discrimination, bias, and privacy



# More Questions than Answers—in Education

- ❖ To what educational task do we seek to apply AI?
- ❖ What is the goal of using AI?
- ❖ How can students ascertain the reliability of AI outputs?
- ❖ What is the role of AI in education? (Who is the teacher?)
- ❖ How can AI be introduced to classrooms and what are the ethical boundaries?
- ❖ How can AI be used to enhance teaching and learning in literature?
- ❖ What are the concerns and limitations of AI feedback in education?
- ❖ How can AI be used to bridge educational inequalities?
- ❖ What are the ethical considerations in AI integration in classrooms?
- ❖ How can educators guide students to utilize AI ethically and effectively?

- **AI+Education Summit: AI in the Service of Teaching and Learning**
- **February 2023, Stanford**

# Basic Roles of Using AI in Education

- ❖ AI is an assistant. It is good at reckoning but teachers will make the decision
- ❖ Should help the teachers but not replace the teachers
  - Teacher-Student relationship
- ❖ Teachers should set the boundary
  - Control what kind of questions can be answered
- ❖ Teachers should make the final decision
  - Monitor the AI answers and correct them if the answers are wrong



# Introduce Mark



Too Busy With Work

**BUILD YOUR AI ASSISTANT  
IN 10 MINUTES**

[app.eduquery.ai](https://app.eduquery.ai)



- ❖ Answer questions based on teacher's input
  - Set the boundary
- ❖ Monitor discussion
  - Correct AI if answer is wrong
- ❖ Easy to use for both teachers and students
  - Make your own AI assistant in 10 minutes

# Demo

- ❖ We encourage you to try this by yourself
- ❖ [app.eduquery.ai](https://app.eduquery.ai)
- ❖ 1. Make a chatbot
- ❖ 2. Make teaching plan
- ❖ 3. Make PPT
- ❖ 4. Make quizzes
- ❖ 5. anything you can think of using this tool
- ❖ Questions: [y0lian05@Louisville.edu](mailto:y0lian05@Louisville.edu)

