Large Language Models
Usage in Faculty and Student Success

Jim Agutter, Senior Associate Dean, Office of Undergraduate Studies
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What are LLM’s

• Advanced AI systems are designed to understand and generate human-like text

• Trained on vast amounts of text data to learn language patterns, grammar, and context

• Use deep learning techniques, particularly transformer neural networks

• Generate coherent and contextually relevant responses to a wide range of prompts

• Used for tasks like natural language understanding, text completion, translation, and summarization
Most widely used LLM’s

- OpenAI - Microsoft ChatGpt 3/4. Trained on more than 1 trillion parameters
- PaLM 2 - Google. Trained on 540 billion parameters
- Claude - Anthropic. Focus on AI assistants
- LLaMa - Meta. Open source
Policy on Usage in Classroom

• Be explicit in the syllabus about the usage and attribution of these tools (Academic Honesty Statement)

• Explore the usage and try to adapt to usage

• Explore alternative strategies for assessment

https://cte.utah.edu/instructor-education/ai-generative-tools.php
Some examples of usage

• Concept explanation

• Research summarization

• Grammatical and writing enhancement

• Getting started aid

• Bring insight and methods from other fields

• Learn new skills

• Generating personalize learning materials

• Providing rich, individualized feedback
Some specific student facing U of U activities

- University Chatbot
  - Mainstay

- University AI tutor
  - UBot

- Class feedback
  - Anonymous formative class feedback
Some specific faculty facing U of U activities

- Teaching Excellence and Development Framework

  - Definition
    - Foster Development
    - Promote Deep Engagement
    - Incorporate Promising Teaching Practices
    - Utilize Assessment Practices
    - Pursue Ongoing Instructional Improvement

  - Components of Framework
    - Instructor self-reflection
    - Peer evaluation
    - Student course feedback
Empowering Decisions Through Insightful Feedback

Leverage student voices for a brighter, responsive educational journey. At the University of Utah, we're committed to excellence and adaptability. With our advanced AI-powered tool, we transform student feedback into actionable insights.

Get Started
DEMO