

# **Large Language Models**

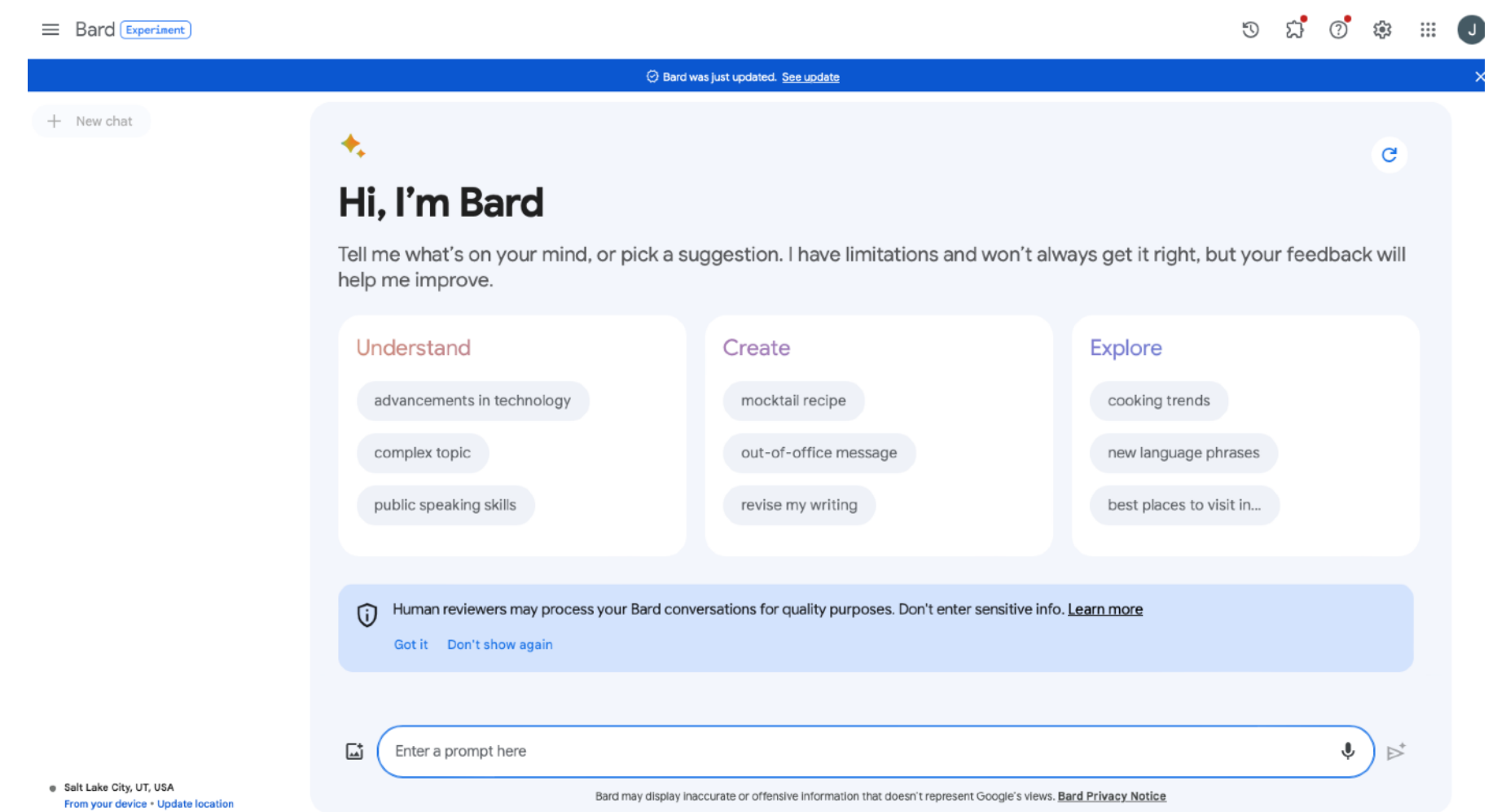
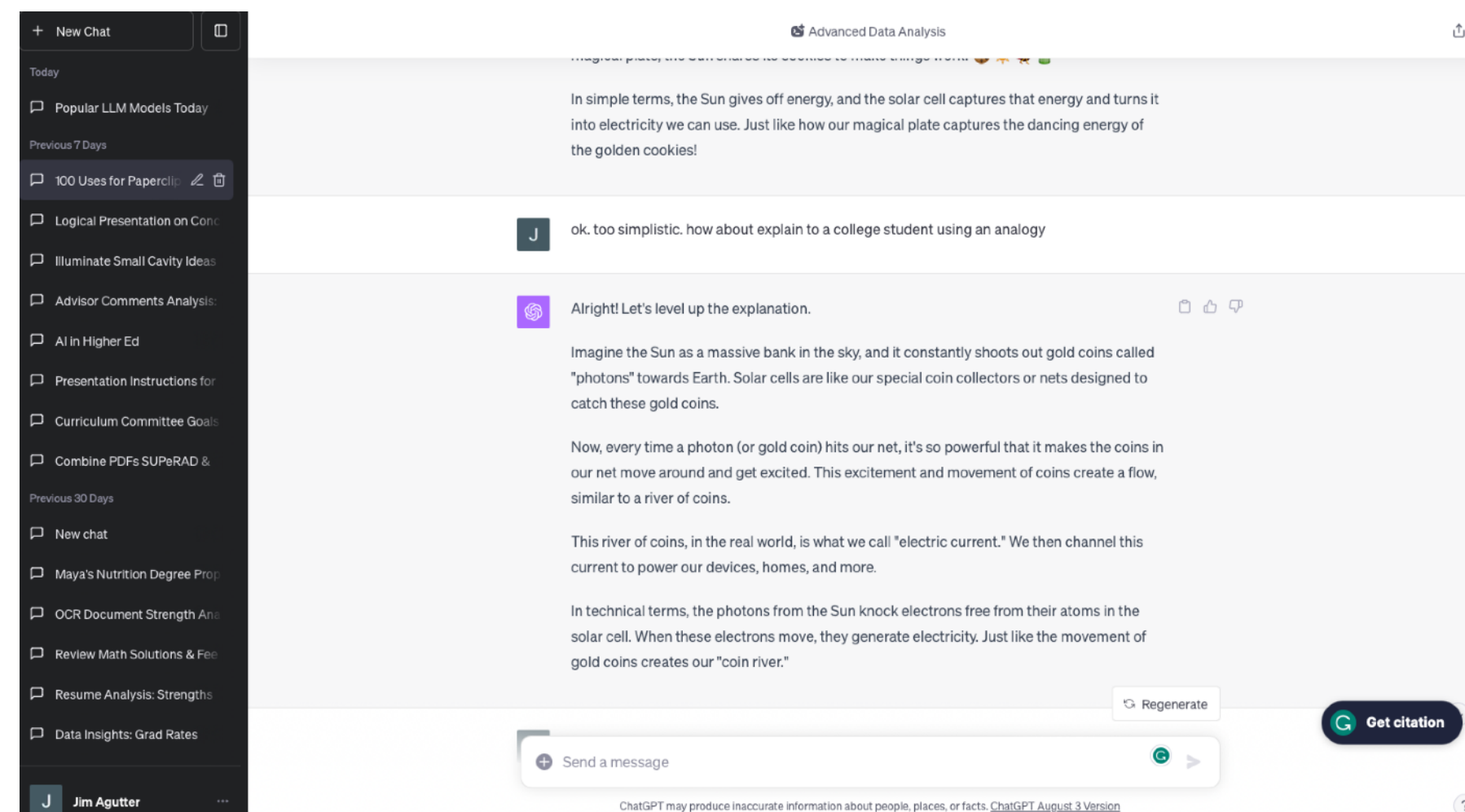
## **Usage in Faculty and Student Success**

# 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 personalized 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

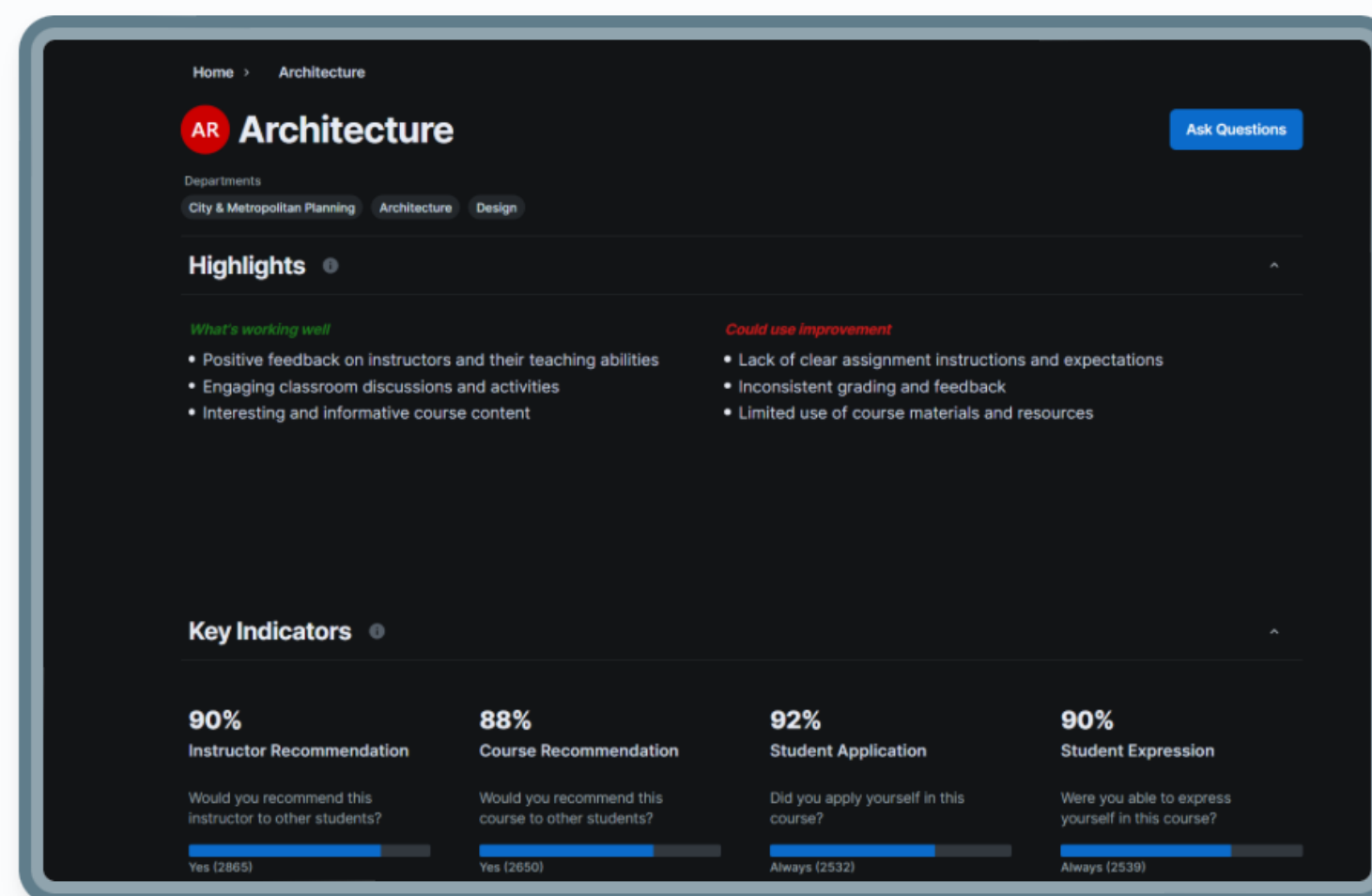
# Some specific faculty facing U of U activities

- 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



## Illuminate Learning

Crystal-Clear Insights on Student Progress.



## Converse with Data

Chat-Driven LLMS Insights at Your Fingertips.



## Empower Decisions

Exportable Reports on Your Student Demographics.



**DEMO**