LET'S CHATGPT:
Incorporating Generative AI in Information Literacy Instruction
AGENDA

1. What is Generative AI?
2. SIFTing through Business Research
3. Prompt Engineering
4. Let’s ChatGPT
5. Generative AI in IL Instruction
LEARNING OUTCOMES

• Evaluate results created by ChatGPT in order to recognize benefits and limitations for using generative AI in information literacy instruction.
• Develop ideas on how to integrate generative AI into instruction in order to expand instructional methods.
WHAT IS GENERATIVE AI?
AI TERMINOLOGY

- Generative AI is a subset of artificial intelligence that can generate text, images, code, music, and videos.
- Unlike traditional AI, it generates new content based upon the large language model datasets it has been trained upon and relies on existing patterns and examples to learn.
- These datasets use machine learning models to train the AI to produce content with a similar style.

(Trotta, 2023)
SIFTING THROUGH BUSINESS RESEARCH
THE IMPETUS

LET'S SEE WHAT CHATGPT SAYS

FACULTY TIE-IN

BACKWARD DESIGN
BACKWARD DESIGN

LEARNING GOALS

ASSESSMENTS

LEARNING ACTIVITIES

Wiggins & McTighe (2005)
"100% confident in info that is only ~95% accurate"
STUDENT AND FACULTY RESPONSE

COURSE INTEGRATION

SURPRISE

CHALLENGES

STOP & THINK
TIPS

ROLE

CONTEXT OR CONSTRAINTS

TASK

GOAL

REQUIREMENTS

FORMAT OF OUTPUT

Mowreader (2023)
LET'S CHATGPT!
GENERATIVE AI IN INSTRUCTION
IDEAS

BRAINSTORMING

KEYWORDS & SYNONYMS

OUTLINES

SUMMARIZING

Pavlovski (2024)
REFERENCES


RESOURCES

Let’s ChatGPT Mentimeter
https://bit.ly/3Q4tWLf

Research with Generative AI
https://guides.smu.edu/GenAlResearch

Artificial Intelligence Now: ChatGPT & AI Literacy Toolbox: AI LibGuides
https://library.fiu.edu/ai/libguides

Which AI tool for your task?
https://libguides.library.arizona.edu/students-chatgpt/which-tool

AI Developments and Resources for Academic Librarians

SIFTing through Business Research Resources
- Research Guide: https://guides.smu.edu/sift-business
- Padlet: https://padlet.com/smubizlib/sift
- Mentimeter presentation: https://bit.ly/3U0UVbX
THANKYOU!

Melissa Johnson
Instructional Design &
Educational Technologies Librarian
majohnson@smu.edu