Generating Content Using AI

Learning Objective

Action: Generate Content Using AI.

Conditions: Given an environment that allows the students to engage one another and the cadre openly, handouts, research capabilities, and Synthetic Content generation tools.

Standards: Successfully create AI-generated content that meets specified quality standards and is relevant to the given prompts.

Quick Information

Title	Comment
Intended Audience	Government employees
Learning Domain	Cognitive
Training Resources Required	Computer, internet access, Synthetic Content generation tools, example prompts, handouts
Total Duration	40

Performance Steps

1. Select appropriate AI tools.
2. Input data and configure settings.
3. Generate and review content.
4. Refine and edit the generated content.

Lesson ELM Steps

Time	ELM Phase	Comment
4 min	Concrete Experience	Generating Synthetic Content

1. **Attention Grabber**. Start by introducing an exciting or intriguing idea related to Synthetic Content generation. The number of companies using AI for example or the amount of money in AI for marketing.

   This attention grabber should make it clear how much marketing and business values the use of AI.

Time	ELM Phase	Comment
4 min	Publish and Process	Discussion on Synthetic Content Generation

1. **Introduction**: Introduce the learning objectives.
2. *Plainly let the student know "By the end of this lesson you will know where to keep up to date with the latest AI enabled content and be able to generate content using AI tools effectively."*

Time	ELM Phase	Comment
12 min	Generalize New Information	Best Practices for Synthetic Content Generation

1. **Visual Aid**: Go over a handout on best practices for generating Synthetic Content.
2. **Comparison**: Discuss the characteristics of good vs. poor prompts.
3. **Techniques**: Introduce techniques for refining AI prompts and configuring settings.
4. **Demonstration**: Demonstrate how to use an AI tool to generate content with a specific, well-crafted prompt.

Time	ELM Phase	Comment
6 min	Develop	Applying Best Practices

1. **Application**: Ask students how they will apply these best practices in their roles.
2. **Practice**: Have students create their own prompts and generate content using AI tools, focusing on clarity and specificity.

Time	ELM Phase	Comment
10 min	Apply	Practical Exercise

1. **Exercise**: Ask students to generate a piece of content using the AI tools and prompts they created.
2. **Review**: Have students present their generated content and discuss the effectiveness of their prompts and any challenges faced.
3. **Feedback**: Provide constructive feedback on their prompts and generated content.

Time	ELM Phase	Comment
4 min	Check On Learning	Summary and Feedback

1. **Summary**: Recap the key points of the lesson.
2. **Q&A**: Answer any remaining questions from students.
3. **Reflection**: Discuss how the activity demonstrated the importance of specificity in Synthetic Content generation.
4. **Future Application**: Encourage students to apply these techniques in their professional tasks involving AI tools.