

Session Objective:

Equip participants with practical knowledge and skills to optimize AI chatbot interactions based on Grice's Maxims: Quality, Quantity, and Manner.

Session Outline:**1. Introduction and Objectives (15 minutes)**

- Brief overview of AI chatbot capabilities and challenges. Introduction to Grice's Maxims and their relevance to effective prompting:
 - **Quality:** Fact-checking and error correction.
 - **Quantity:** Ensuring relevance and managing irrelevance.
 - **Manner:** Structuring the format of the response.

2. Maxim of Quality: Fact-Checking and Error Correction (20 minutes)

- **Explanation:**
 - Importance of verifying chatbot-generated information.
 - Strategies for identifying inaccuracies.
- **Activity:**
 - Participants prompt the chatbot with factual queries (e.g., historical dates, scientific facts).
 - Evaluate the responses for accuracy.
 - Discuss corrections and refine prompts.

3. Maxim of Quantity: Ensuring Relevance (20 minutes)

- **Explanation:**
 - How to craft prompts that minimize irrelevant responses.
 - Techniques for balancing detail and brevity.
- **Activity:**
 - Provide an open-ended task (e.g., "Describe renewable energy").
 - Participants refine the prompt to focus on specific aspects (e.g., "List three benefits of solar energy for households").
 - Share results and discuss the impact of refining prompts.

4. Maxim of Manner: Structuring Responses (20 minutes)

- **Explanation:**
 - Importance of clear, consistent output formats.
 - Examples of structured outputs (tables, bullet points, summaries).
- **Activity:**
 - Participants prompt the chatbot for specific formats (e.g., "Create a table comparing solar and wind energy").
 - Evaluate the clarity and usefulness of the formatted output.

5. Wrap-Up and Q&A (15 minutes)

- Recap of key techniques: fact-checking, relevance control, and output structuring.
- Discuss challenges encountered during activities and how to address them.

- Q&A session for additional clarification.