AI and the Enterprise

Assignment 3: Chatbot Behavior

The purpose of this assignment is to evaluate the behavior of a chatbot under multiple configurations.

Tasks

1. Evaluate Changes in Temperature

- Adjust the *temperature* parameter to **0.3, 0.5, and 0.7**.
- Ask the same question at each setting (e.g., "*Tell me about the Badger basketball team.*").
- Compare the chatbot responses

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2. Replace Text Source

- Replace *default.txt* with a new text file from the options provided.
- Rerun the app and ask questions related to the new content.
- Evaluate the chatbot's ability to retrieve and answer based on the new file.

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3. Experiment with Multiple Questions

- Ask at least **5 questions** in a single session, covering a mix of related and unrelated topics.
- Observe how well the chatbot maintains context and retrieves information.

Deliverable

1. **Temperature Comparison** - Responses at different temperatures and a brief analysis of the effect.
2. **Text File Replacement** - New file, sample questions, and reflections.
3. **Multi-Question Experiment** - Sequence of questions and observations on chatbot behavior.
4. **Reflection**: What did you learn about the chatbot's behavior? How did temperature, text source, and question flow impact the responses?