Guidelines for Using AI Tools in Assignments

1. Acceptable Uses

You may use your respective for:

- **Concept Clarification**: Ask for explanations of machine learning concepts

  (e.g., "What is supervised learning?" or "How does k-means clustering work?").

- **Code Debugging**: Seek help identifying and fixing errors in your code.

- **Syntax and Documentation**: Learn correct syntax for Python libraries (e.g., scikit-learn, pandas) and understand d documentation.

- **Brainstorming**: Get ideas for visualization techniques, evaluation metrics, or alternative approaches.

2. Unacceptable Uses

You should **not**:

- Directly copy and paste AI-generated solutions without understanding them.

- Use AI to generate entire code blocks or reports without contributing your own effort.

- Rely on AI to make decisions about key steps in the workflow (e.g., choosing a model, interpreting results) without proper reasoning.

3. Best Practices for AI-Assisted Learning

- **Verify Outputs**: Always verify code or explanations provided by AI to ensure accuracy. As you are aware, AI tools can sometimes produce incorrect or incomplete answers.

- **Understand Before Using**: Take time to understand why a solution works before applying it.

  For example: if your AI agent suggests a code snippet, break it down step by step.

- **Document AI Assistance**: Include a brief section in the assignment report describing:

  • What questions did you ask the AI tool.

  • How the AI's responses were integrated into your solution.

  • What modifications or additional work did you do beyond the agent's suggestions.

4. Independent Learning

- **Add a section on reflective questions in your report such as**:
  - *What challenges did you face while solving this problem?*
  - *How did using AI tools help you, and what did you learn from them?*
  - *What would you do differently if tackling this problem again?*