Quiz 1a: By-hand

Instructions

Answer all questions. Write code by hand as neatly as possible. Partial credit will be given for correct reasoning even if syntax isn't perfect.

Section A: Conceptual Questions

Question 1 (2 points)

When prompting an AI coding assistant like Gemini, which of the following prompts is likely to produce better results? Explain your answer.

Prompt A: "Make a graph of the data, and make the graph easy to read, intuitive, and visually appealing."

Prompt B: "Create a scatter plot showing the relationship between age (x-axis) and salary (y-axis). Use different colors for each department. Add axis labels and a title."

Answer:

Question 2 (2 points)

You're given a new dataset to explore, and tasked with building a model to predict customer retention. Give at least three steps you would do by hand, and at least three steps you would do with AI. For each step, briefly explain why you would do it by hand/using AI.

Answer: