



Exploring Star Data with AI

Assessment Rubric

Criteria	Exemplary	Proficient	Developing	Beginning
Strength & Weakness Analysis	Clearly identifies one strength and one weakness of the AI-generated diagram compared to the manual version; explanation shows strong understanding of accuracy, clarity, or usability.	Identifies one strength and one weakness with reasonable explanation; may lack depth.	Mentions a strength or weakness but explanation is vague or incomplete.	Provides no strength/weakness or gives irrelevant/inaccurate responses.
Improvement Strategy for AI Prompt	Suggests a realistic, specific improvement to the AI prompt and explains how it would lead to a more accurate diagram.	Suggests a reasonable improvement with some explanation of its benefit.	Suggests an improvement but explanation is minimal or unclear.	Provides no improvement or an unrealistic/irrelevant suggestion.
Connection to Lesson Concepts	References ideas from the lesson (e.g., HR diagram properties, prompt specificity, AI limitations) to strengthen reasoning.	Includes at least one relevant connection to class concepts.	Attempts a connection but it is vague or weakly related.	Provides no connection or supporting evidence.
Clarity & Communication	Response is well-structured, clear, and easy to follow; ideas flow logically across both prompts.	Mostly clear with minor issues in organization or phrasing.	Somewhat unclear or disorganized; ideas may be hard to follow.	Response is incomplete, unclear, or very brief.