Theme	Code	Total Count
	Wrong Answers	3
	Cost	2
	Too much back and forth	2
	Confidentally hallucinating	1
	Lack of Alternate Pathways	5
	Potential for overreliance	6
	Limitation in handling complex tasks	15
Negative Points	Unhelpful	1
	Maintain larger context	8
	Give Interactive Feedback	8
	Breakdown steps and explain concepts	4
	Improve code generation	9
	Enhance error resolution	10
	Improve accuracy	12
	Improve context understanding & instruction following	26
	Specialized LLMs for assignments & Persanolized Learning	14
Enhancements and Improvements	Leverage subject knowledge bases/documentation	10
		136

Theme	Code	A2 Count	A3 Count	Total Count
	Providing Assignment Details	21	20	41
	Giving Context	18	13	31
Contextual Prompting	Scenario-Based Prompting	1	1	2
	Specific Questions/Requests	18	12	30
	Direct Questions	8	4	12
Targeted Querying	Open-Ended Questions	3	2	5
	Debugging	16	11	27
	Iterative Prompting	18	4	22
	Feedback Loop	9	4	13
	Reiterative	1		1
Iterative Refinement	Self Ask Prompting	1		1
	Breaking Down Problems	6	7	13
Task Decomposition	Incremental Construction	4	4	8
	Providing Code Snippets	14	6	20
	Providing Pseudocode	10		10
Code-Centric Approach	Generating Code Structures	26	8	34
	Chain of Thought Prompting	4	5	9
	Zero-Shot Prompting	2	4	6
	Few-Shot Prompting	7	2	9
Advanced Prompting	Prompt Chaining	1	3	4
Techniques	Role Based Prompting	3	1	4
	Explaining Like a Layman	2	2	4
	Simplified Scenarios	5	1	6
	Summarizing		2	2
Simplification Strategies	Emphasis on Important Points	2		2
Utilizing External Resourc	Providing Research Papers		4	4
Error Handling	Providing Error Messages	3	3	6
	Using Copilot	3	3	6
Tool-Specific Strategies	Using XML Tags		1	1
No Specific Strategy	**General Prompting**	20	**13**	33
		226	140	366