Project Feedback:

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| --- | --- | --- | --- |
|  | High Achievement | Moderate Achievement | Low Achievement |
| Research | * Evidence of background research on specific problem
* Citations and references provided
* Relevant data presented
 | * Some background research
* Citations and references not provided
 | * Little or no background research
 |
| Problem Statement | Precise and consistent | Not precise or consistent with other statements in the report | Difficult to understand |
| Variables | * Several Identified
* Justifies the need for the main variable
 | Lists variables but not explained enough | Barely mentions variables, or difficult to identify in the text |
| Assumptions | Clearly identifies and justifies assumptions | Lists main assumptions but without justification | Lists assumptions but difficult to identify in the text |
| Solution | * Logical mathematical reasoning
* Presents a plausible approach and outcome
* Clearly presented
* Accurately computed solution supported with visual aids
* Consistent with original problem statement
 | * States a mathematical approach but difficult to understand or incomplete
* States an answer but difficult to understand or incomplete
 | * Model contains fixable mathematical errors
* Arrives at no solution or states an answer with no contextual background (e.g. graphics to support)
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| Analysis | * Addresses reliability of solution
* Considers sensitivity of model to changes in the variables or assumptions
* Model has been refined and iterated
 | * Addresses the reliability of the solution
* Obvious consequences of the stated outcome are ignored
 | * Provides some analysis but with no perspective
* Uses incorrect mathematics in the analysis
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| Wow factor! | * Well formatted, enjoyable to read, with easy to interpret visual aids
 | * Multiple spelling, formatting or grammatical errors
* Visual aids missing key features to make them readable
* Visual aids don’t clearly connect to solution
 | * Significant disregard for spelling, grammatical and mathematical rule
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