

Model-Based Systems Engineering: Documentation and Analysis

Project Scoring Rubric

WEEK 3: CRITIQUING AN MBSE APPROACH

Criterion	Peer Assessment Feedback
Prompt	Please provide feedback (300 characters or less) for this project.
Points	
1	Project submitted: An answer has been submitted for this assignment. Feedback is mandatory for this step.

Criterion	Step 1: Scope and Purpose
Prompt	Remark on whether the model meets the intended scope and purpose.
Points	
3	Complete: The participant defined whether the model meets the intended scope and purpose.
2	Partially Complete: The participant defined either the model meets the intended scope or purpose.
1	Incomplete: The participant did not provide an explanation on whether the model was meeting the intended scope and purpose.
0	Not Attempted: The project template is without work, in its original state. Sample project is copied for submission.

Criterion	Step 2: Strengths and Weaknesses
Prompt	List the model's strengths and weaknesses. Your findings should relate back to specific instances of the model with callbacks.
Points	
3	Complete: The participant listed three strengths and three weakness of the model. Each strength or weakness refers to specific details in the model that demonstrates unique thought.
2	Partially Complete: The participant listed two strengths and two weakness of the model. Each strength or weakness is still specific and unique.
1	Incomplete: The participant listed less than two strengths, less than two weakness, or the examples provided are overly general and could apply to multiple situations and not only this model.
0	Not Attempted: The project template is without work, in its original state. Sample project is copied for submission.

Criterion	Step 3: Evaluate Model Against Qualities
Prompt	Evaluate the model against three qualities of great models, as well as supplementary behaviors or qualities you believe are relevant to MBSE.
Points	
3	Complete: The work evaluated the model against three qualities of great models. Each quality assessment analyzes specific details in the model that demonstrates unique thought.
2	Partially Complete: The work evaluated the model against two qualities of great models. Each quality assessment is still specific and unique.

1	Incomplete: The work evaluated the model against one quality of great models, or the details provided are overly general and could apply to multiple situations and not only this specific model.
0	Not Attempted: The project template is without work, in its original state. Sample project is copied for submission.

Criterion	Step 4: Conclusions and Recommendations
Prompt	Offer your conclusions and recommendations evaluating whether a project should adopt the MBSE approach or stay with the status-quo.
Points	
3	Complete: The work states if the MBSE approach can be useful or if it would better to stay with the status quo providing both convincing conclusions and recommendations based on the project.
2	Partially Complete: The work states if the MBSE approach can be useful or if it would better to stay with the status quo providing either convincing conclusions or recommendations based on the project, but not both.
1	Incomplete: The work states conclusions and recommendations but does not explain properly whether the project should adopt an MBSE approach.
0	Not Attempted: The project template is without work, in its original state. Sample project is copied for submission.