From Deployment to Feedback

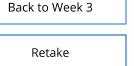
Quiz, 10 questions

7/10 points (70%)

Try again once you are ready.

Required to pass: 80% or higher

You can retake this quiz up to 3 times every 8 hours.





0/1 point

1.

The final stages of the data science methodology are an iterative cycle between Modelling, Evaluation, Deployment, and Feedback.



False

This should not be selected

Incorrect.

True

From Deployment to Feedback Quiz, 10 questions

7/10 points (70%)

	the correct statement about the Feedback stage of the data methodology.
	Feedback is not required once launched.
	Feedback is not helpful and gets in the way.
0	Feedback is essential to the long term viability of the model.
Corr Corr	
	None of the above statements are correct.
~	1 / 1 point
oroces	ing a model into production represents the end of the iterative s that includes Feedback, Model Refinement, and oyment.
	True.
0	False.
Corr Corr	

From Deployment to Feedback Quiz, 10 questions

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1				
•	•			

Select the correct sentence	about the data	science	methodolog	y
explained in the course				

- The data science methodology depends on a specific set of technologies or tools.
- The data science methodology is not an iterative process one does not go back and forth between methodological steps.
- The data science methodology always starts with data collection.

This should not be selected

Incorrect. The data science methodology starts with business understanding.

The data science methodology provides the data scientist with a framework on how to proceed to obtain answers.

/

1/1 point

5.

A data scientist determines that building a recommender system is the solution for a particular business problem at hand. This is represented by the Modeling stage of the data science methodology?

True.

Correct

Correct.

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A data scientist, John, was asked to help reduce readmission rates at a local hospital. After some time, John provided a model that predicted d d

leclare	patients were more likely to be readmitted to the hospital and ed that his work was done. Which of the following best bes this scenario?
0	Even though John only submitted one solution, it might be a good one. However, John needed feedback on his model from the hospital to confirm that his model was able to address the problem appropriately and sufficiently.
Corre	oct
Corr	
	John's mistake is that he lied in the Analytic Approach step of the data science methodology.
	John only provided one model as a solution and he should have provided multiple models.
	John still needed to collect more data.
~	1 / 1 point
isualiz	cientists typically use descriptive statistics and data ration techniques for exploratory analysis of data and to get inted with it.
0	True.
Corre Corr	
	False.

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	of the following represent the two important characteristics or ta science methodology?
0	It is a highly iterative process and it never ends.
Corre	ect
Corr	rect.
	It is a highly iterative process and immediately ends when the model is deployed.
	It has no endpoint because data collection occurs before identifying the data requirements.
	It immediately ends when the model is deployed because no feedback is required.

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9.

Data scientists may use either a "top-down" approach or a "bottomup" approach to data science. These two approaches refer to:

- "Top-down" approach models are fit before the data is explored. "Bottom-up" approach data is explored, and then a model is fit.

 "Top-down" approach first defining a business problem then analyzing the data to find a solution. "Bottom-up" approach starting with the data, and then coming up with a business problem based on the data.

 "Top-down" approach the data, when sorted, is modeled from the "top" of the data towards the "bottom". "Bottom-up" approach the data is modeled from the "bottom" of the data to the "top".
- "Top-down" approach using massively parallel, warehouses with huge data volumes as the data source. "Bottom-up" approach using a sample of small data before using large data.

This should not be selected

Incorrect.

From Deployment to Feedback

7/10 points (70%)

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Quiz 10 questions		Politic		

-	nould data scientists maintain continuous communication with ss sponsors throughout a project?			
	So that business sponsors can provide domain expertise.			
Corr Corr				
	Actually, data scientists do not need to maintain a continuous communication with business sponsors and stakeholders.			
Un-s	Un-selected is correct			
	So that business sponsors can ensure the work remains on track to generate the intended solution.			
Corr Corr				
	So that business sponsors can review intermediate findings.			
Corr Corr				