#### From Deployment to Feedback

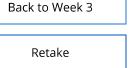
Quiz, 10 questions

5.75/10 points (57.50%)

#### Try again once you are ready.

Required to pass: 80% or higher

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





1/1 point

1

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



True

#### Correct

Correct.

False

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5.75/10 points (57.50%)

2. Select the correct statement about the Feedback stage of the data science methodology. Feedback is not required once launched. Feedback is not helpful and gets in the way. Feedback is essential to the long term viability of the model. Correct Correct. None of the above statements are correct. 0/1 point 3. What does deploying a model into production represent? It represents the final data science product. It represents the beginning of an iterative process that includes feedback, model refinement and redeployment and requires the input of additional groups, such as marketing personnel and business owners.

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It represents the end of the iterative process that includes

Feedback, Model Refinement, and Redeployment.

This should not be selected

None of the above.

Incorrect.

5.75/10 points (57.50%)

4.

Select the correct sentence about the data science methodology	r
explained in the course	

The data science methodology is not an iterative process – one does not go back and forth between methodological steps.

This should not be selected
Incorrect. The data science methodology is an iterative process.

The data science methodology depends on a specific set of technologies or tools.

The data science methodology always starts with data collection.

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

<b>/</b>	

1/1 point

5.

A data scientist determines that building a recommender system is the solution for a particular business problem at hand. What stage of the data science methodology does this represent?

	Deployment.
	Model Evaluation.
	Modeling.
0	Analytic Approach.
Corr	ect

Correct.

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5.75/10 points (57.50%)

6.
A data scientist, John, was asked to help reduce readmission rates at a
local hospital. After some time, John provided a model that predicted
which patients were more likely to be readmitted to the hospital and
declared that his work was done. Which of the following best

declare	ed that his work was done. Which of the following best bes this scenario?		
	John only provided one model as a solution and he should have provided multiple models.		
	John's mistake is that he lied in the Analytic Approach step of the data science methodology.		
	John still needed to collect more data.		
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.		
<b>Corre</b> Corr			
<b>~</b>	1/1 point		
7.	point		
Data so	point cientists typically use descriptive statistics and data		
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Data so visualiz	point cientists typically use descriptive statistics and data cation techniques for exploratory analysis of data and to get		
Data so visualiz	point cientists typically use descriptive statistics and data ration techniques for exploratory analysis of data and to get nited with it.  True.		
Data so visualiz acquaii	point cientists typically use descriptive statistics and data ration techniques for exploratory analysis of data and to get nited with it.  True.		

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5.75/10 points (57.50%)

yme	nt to Feedback 5.75/1	ı
	of the following represent the two important characteristics of ta science methodology?	
	It immediately ends when the model is deployed because no feedback is required.	
	It is a highly iterative process and immediately ends when the model is deployed.	
	It is a highly iterative process and it never ends.	
0	It has no endpoint because data collection occurs before identifying the data requirements.	
	should not be selected errect.	

0/1 point

9.

For predictive models, a test set, which is similar to – but independent of – the training set, is used to determine how well the model predicts outcomes. This is an example of what step in the methodology?

	Data Requirements.
	Model Evaluation.
0	Deployment.
	should not be selected rrect.

Analytic Approach.

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5.75/10 points (57.50%)

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Why should data scienti	sts maintain	continuous	communication	with
business sponsors thro	ughout a pro	ject?		

usines	ss sponsors throughout a project?
	Actually, data scientists do not need to maintain a continuous communication with business sponsors and stakeholders.
	should not be selected rrect.
	So that business sponsors can review intermediate findings.
Corre	ect
Corr	ect.
Corre	So that business sponsors can provide domain expertise.
Corr	ect.
	So that business sponsors can ensure the work remains on track to generate the intended solution.

Correct Correct.

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