Inderstanding Machine Learning Projects	
test submission grade 00%	
Which of the following statements about the Machine Learning Process Lifecycle are true? (click all that apply)	1/1 point
Data wrangling is only a small part of an ML project	
Looking at whether you can answer your questions based on the data you have is part of the final phase.	
Testing the QuAM is an important part of the Machine Learning and Model Evaluation phase	
✓ Correct Correct Well done!	
Lifecycle re-sets are easy to anticipate	
Steps can easily be skipped if they're taking too long	
A clearly defined process helps with communication	
✓ Correct Correct Well done!	
Documentation isn't important if the QuAM is being built and used internally	
▼ The first phase considers exactly what features are going to be used	
Correct Correct! Well done!	
W Having a clear, specific question for the QuAM to answer is an important part of the first phase	
✓ Correct Correct! Well done!	
Iteration is almost always a given: an ML project is rarely straight-forward and linear	
✓ Correct Correct Well donel	
What does it mean to work backwards through the ML Process in oder to define a question?	1/1 point
Start with the required action, identify impact on the business goals, define and refine a question	17 I point
Start with the answer you want your QuAM to give, decide on the algorithm, then define operational data.	
 Start from the broadest business outcome, identify actions that accomplish that outcome, identify questions that support those actions, refine the question. 	
Start with the learning data you have, define the question you want your QuAM to answer, choose an algorithm	
✓ Correct Correct! Well done!	
Why might a business choose to use a QuAM that has lower accuracy than the current system?	1/1 point
Because the cost of developing the QuAM was high, and the business doesn't want to waste that time and money	
Because the QuAM can do the task much faster than the humans can, and a faster process is highly advantageous for the business	
Correct Correct! The time savings from using ML can be more important than perfect accuracy.	
☐ Because your business needs to have machine learning to survive in the modern age	
Because the employees hate doing the task, and handing it off to a machine frees them to do other useful things	
✓ Correct	
Correct! Best use of human time is an important consideration when analyzing use of ML. Because the QuAM does the job adequately and provides other benefits	
✓ Correct	
Correct! Well done!	
Why is it important to have a hold-out test set?	1/1 point
A) It is important to test your QuAM's ability to generalize before deploying it	
B) It's important to protect the integrity of the test data so that you have confidence in the performance of your QUAM	
C) Your QuAM is going to have to answer questions about unseen data, so you need to test it on unseen data	
○ A and B	
A, B and C	
✓ Correct CorrectI Great job!	
Which of the following statements are true? (click all that apply)	1/1 point
A true positive means someone is pregnant	
False negatives are always a bigger problem than false positives	
▼ Telling a patient that they have cancer when they don't is a false positive	
✓ Correct	

 Telling a patient that they have cancer when they don't is a false negative ▼ True positives and true negatives are correct predictions ✓ Correct
Correct! Well done!