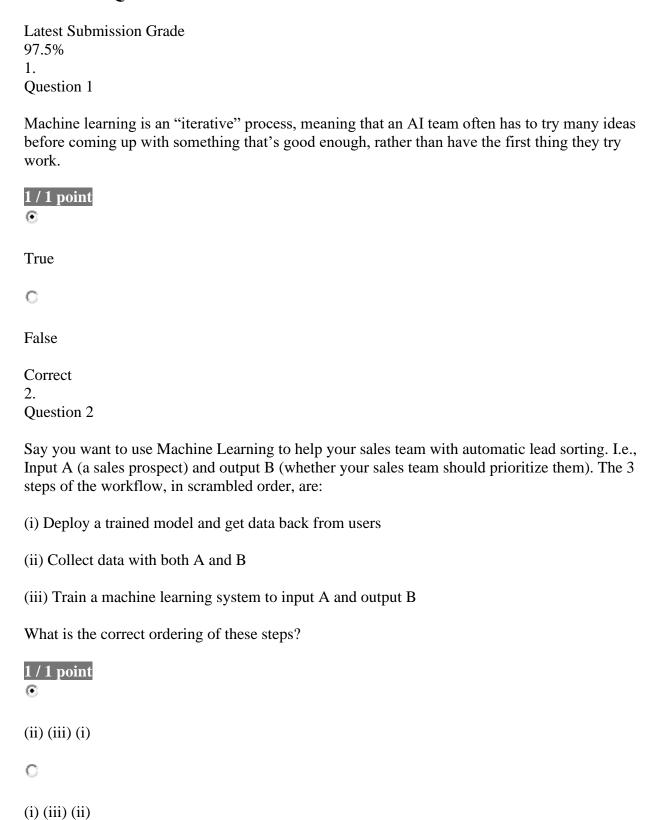
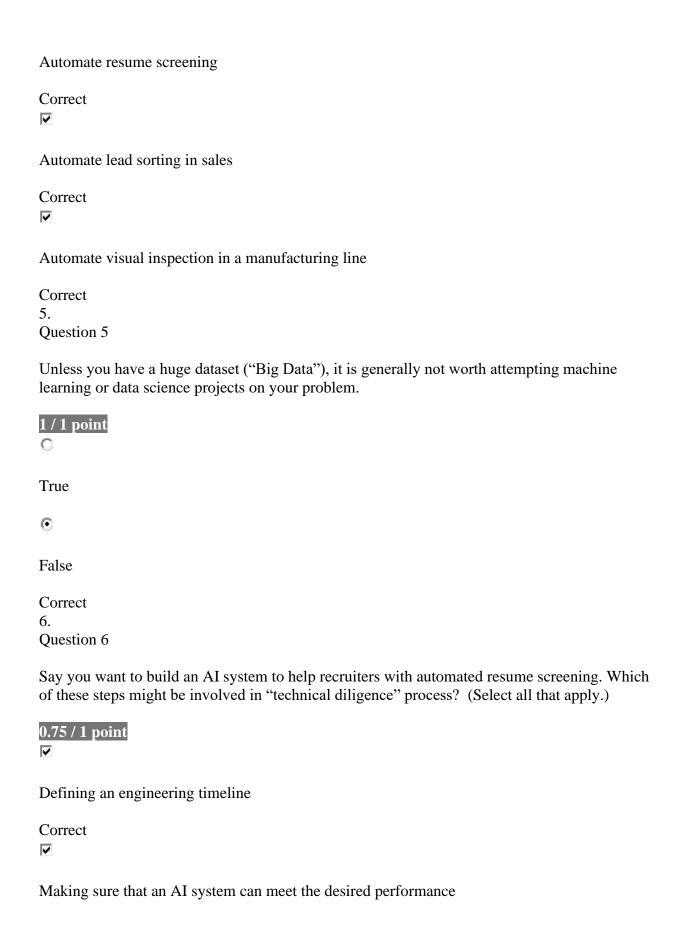
Week 2 Quiz



C
(ii) (i) (iii)
С
(i) (ii) (iii)
Correct 3. Question 3
What are the key steps of a Data Science project?
1/1 point
Collect data
C
Analyze the data
С
Suggest hypothesis or actions
⊙
All of the above
Correct 4. Question 4
Machine Learning programs can help: (select all that apply)
1 / 1 point ▼
Customize product recommendations
Correct



Correct
Making sure you can get enough data for this project
Ensuring that this is valuable for your business (e.g., estimating the project ROI)
You didn't select all the correct answers 7. Question 7
Which of these statements about "business diligence" do you agree with?
1 / 1 point C
Business diligence is the process of ensuring that the envisioned AI technology is feasible.
C
Business diligence can typically be completed in less than a day.
C
Business diligence applies only if you are launching new product lines or businesses.
⊙
Business diligence is the process of ensuring that the AI technology, if it is built, is valuable for your business.
Correct 8. Question 8
You want to use supervised learning for automated resume screening, as in the example above. Which of the following statements about the Training Set are true? (Select all that apply.)
1 / 1 point ▼

It should give examples of both the input A (resume) and the desired output B (whether to move forward with a candidate).
Correct
It will be used by the AI team to train the supervised learning algorithm.
Correct
It should give examples of the input A (resume) but not necessarily the desired output B (whether to move forward with a candidate).
The Training set and Test set can be the same dataset.
9. Question 9
For your automated resume screening application, you are now providing a Test Set to the AI team. Which of the following statements about the Test Set are true? (Select all that apply.)
1 / 1 point ▼
It should give examples of both the input A (resume) and the desired output B (whether to move forward with a candidate)
Correct
The Test Set should ideally be identical to the Training Set.
It should give examples of the input A (resume) but not necessarily the desired output B (whether to move forward with a candidate).
It will be used by the AI team to evaluate the performance of the algorithm.

Correct 10.
Question 10
Which of these are reasons that it's often unrealistic to expect an ML system to be 100% accurate?
1/1 point
You might not have enough data
C
Data can be mislabeled
C
Data can be ambiguous
$oldsymbol{\circ}$
All of the above.
Correct