

▲ Try again once you are ready

correlations

Grade Latest Submission received 61.11% Grade 61.11%

To pass 80% or higher

Try again

1.	Which of the following statements correctly describe supervised and unsupervised machine learning? Select all that apply.	0.75 / 1 point
	✓ Supervised machine learning uses labeled datasets to train algorithms to classify or predict outcomes.	
	⊘ Correct	
	☐ Data professionals use supervised machine learning for prediction.	
	✓ In unsupervised machine learning, data professionals ask the model to give them information without telling the model what the answer should be.	
	○ Correct	
	☐ Supervised machine learning uses algorithms to analyze and cluster unlabeled datasets.	
	You didn't select all the correct answers	
2.	Fill in the blank: The terms machine learning and both refer to training a computer to detect patterns in data without being explicitly programmed to do so. quality assurance coding reinforcement learning artificial intelligence	1/1 point
3.	A data analytics team at a household goods manufacturer works on a task involving discrete variables. Which of the following variables might be part of the project dataset? Select all that apply.	0.25 / 1 point
	Number of appliances for sale at a retail store	
	Total days a sale lasts in March	
	Type of most popular toaster	
	☐ Amount of people in a household	
4.	Which of the following statements accurately describe content-based filtering? Select all that apply.	0.5 / 1 point
	Content-based filtering does not require information from other users to work properly.	
	Content-based filtering recommends more of what a user likes.	
	Content-based filtering effectively makes recommendations across content types.	
	★ This should not be selected Review the video about content-based and collaborative filtering.	
	Content-based filtering properties often have to be selected and mapped manually.	
	⊘ Correct	
5.	Fill in the blank: A key benefit of collaborative filtering is that it finds hidden in the data. Our errors	1/1 point

	O duplicates C contradictions	
	⊘ Correct	
6.	A data professional is considering whether the data they are using to build a model is well-sourced. Which PACE stage does this scenario describe?	1/1 point
	Analyze	
	O Plan O Construct	
	O Execute	
	⊘ Correct	
7.	Which of the following applications would be well-suited to the use of Python scripts? Select all that apply.	1/1 point
	A program that incorporates several files	
	⊙ Correct	
	A task that requires a human-readable output	
	⊘ Correct	
	A task pairs code with human-readable descriptions.	
	A program that contains errors in need of debugging	
	⊘ Correct	
8.	Fill in the blank: The data visualization package is effective when creating presentations, such as designing a data visualization for an interactive dashboard.	0 / 1 point
	Matplotlib	
	O HTML	
	○ Tableau ○ Plotly	
	⊗ Incorrect Review the video about Python for machine learning.	
9.	Fill in the blank: In a typical business, a data professional is most likely to request assistance from the department to obtain preliminary information about a dataset.	0 / 1 point
	Sales	
	O marketing	
	information technology	
	O business intelligence	
	⊗ Incorrect Review the video about getting help from your team. ☐	