To pass 80% or

Grade

Congratulations! You passed!

Latest Submission

	received 100%	Grade 100%	higher	
	Go to next item	Retake the assignment in 7h	58m	
1.	Why perform EDA?			1/1 point
	☐ Necessary step before ML Modeling			
	Use visual techniques to explore data			
	Find hidden insights			
	Correct EDA or Exploratory data science proble Use statistical techni		y step in the lifecycle of a	
2.	What is the purpose of a	nistogram?		1 / 1 point
	Summarize the distri	bution of a dataset		
		essential information abou the gaussian distribution, w		
	☐ Visually inspect a dat	taset		
	Part of an EDA proces	SS		
	Find the median of a	dataset		

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3. Why perform clustering on a dataset?	1/1 point	
Discover hidden patterns		
 Correct Clustering is an unsupervised machine-learning technique to find hidden insights in a dataset 		
☐ To create a visualization of relationships in the data		
Create new labels		
☐ A business wants to identify customer segments		
4. What is Feature Engineering?	1/1 point	
Determining the importance of features on model accuracy		
A feedback loop		
Creating features		
Using domain knowledge as part of data science workflow		
Correct Feature engineering allows domain experts to find useful features from raw data to create a machine-learning model.	1	
5. Why scale data?	1/1 point	
Improves accuracy of machine-learning model		
Important pre-processing step in machine-learning		
Can help with outliers depending on the scaling technique		
Most machine learning algorithms require data to be scaled		
Correct Machine learning requires data to be in a numerical format and, most of the time, in a scaled format.	of	

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