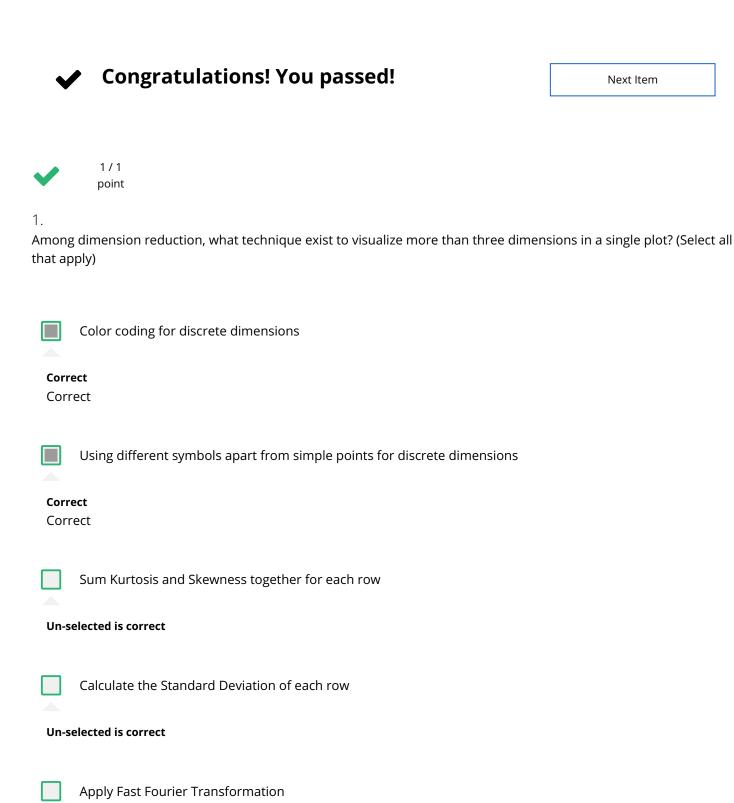
Next Item

Visualization and dimension reduction

Quiz, 5 questions



Un-selected is correct



Add multiple lines to a run chart Visualization and dimension reduction

	guestions

Correct



1/1 point

2.

What properties are true about PCA for dimension reduction? (Select all that apply)



PCA removes the dimensions with the highest correlation because their information content is lowest

Un-selected is correct



PCA is a linear transformation, this means most of the original propertes of your data are preserved



Correct



PCA transforms your dataset so that the first k dimensions have the lowest correlation among each other

Correct

Correct



PCA is a non-linear transformation, this means most of the original properties of your data set are lost

Un-selected is correct



1/1 point

3.

Which of the following statements is true about information loss using PCA?



PCA dimensionality reduction is lossless



PCA dimensionality reduction is lossy Visualization and dimension reduction

Quiz, Connections

Correct

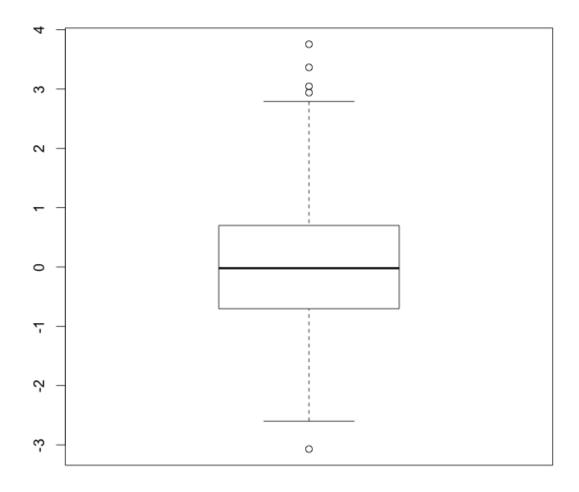


1/1 point

1

How many outliers are present in this dataset? Visualization and dimension reduction

Quiz, 5 questions



5

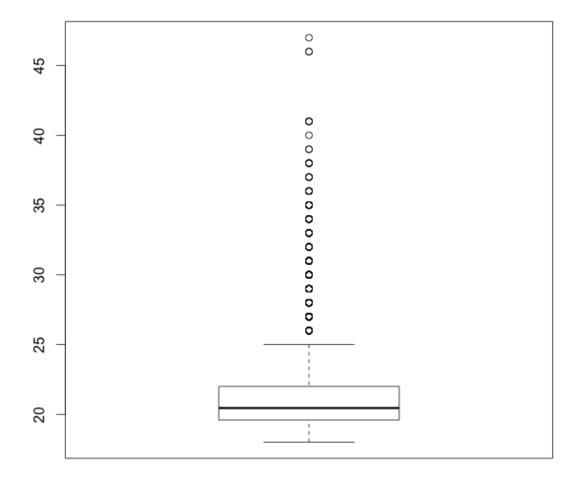
Correct Response

Correct

Visualization and dimension reduction

Quiz, 5 questions 5.

Which statements are true about this plot? (select all that apply)



This is a box plot

Correct

Correct



This is a star ship of space invaders Visualization and dimension reduction

Quiz, Umsefected is correct

	There are more than 15 outliers present		
Correct Correct			
	The distribution is centered around mean zero		
Un-selected is correct			
	Kurtosis is zero		
Un-selected is correct			
	Kurtosis is >1		
Corr Corr			
20			
	Skew is zero		
Un-selected is correct			
	Skew is > 1		
Correct Correct			
	>50% of all values are <30		
Correct			
	Mean is >20		

Correct

Visualization and dimension reduction

Quiz, 5 questions **Un-selected is correct**

