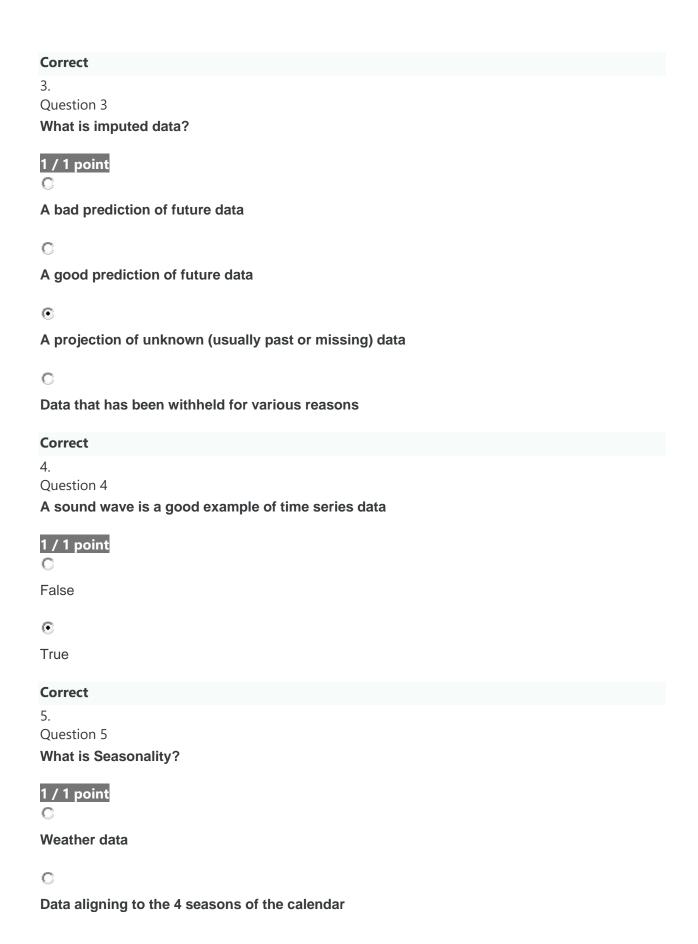
## Week 1 Quiz

Hour by hour temperature

LATEST SUBMISSION GRADE
100%
1.
Question 1  What is an example of a Univariate time series?
1 / 1 point
C
Baseball scores
C
Hour by hour weather
⊙
Hour by hour temperature
C
Fashion items
Correct
2. Question 2
What is an example of a Multivariate time series?
1 / 1 point
<b>⊙</b>
Hour by hour weather
Hour by hour weather
Hour by hour weather
Hour by hour weather  C Fashion items



$oldsymbol{\circ}$
A regular change in shape of the data
C
Data that is only available at certain times of the year
Correct
6. Question 6 What is a trend?
1 / 1 point  ⊙
An overall direction for data regardless of direction
C
An overall consistent flat direction for data
C
An overall consistent downward direction for data
C
An overall consistent upward direction for data
Correct
7. Question 7
In the context of time series, what is noise?
1 / 1 point  ⊙
Unpredictable changes in time series data
c
Sound waves forming a time series
C
Data that doesn't have a trend
c

Data that doesn't have seasonality

Correct
8.
Question 8
What is autocorrelation?
1 / 1 point  •
Data that follows a predictable shape, even if the scale is different
C
Data that automatically lines up seasonally
C
Data that automatically lines up in trends
C
Data that doesn't have noise
Correct
9.
Question 9
What is a non-stationary time series?
1 / 1 point
One that is consistent across all seasons
C
One that has a constructive event forming trend and seasonality
⊙ ·
One that has a disruptive event breaking trend and seasonality
C
One that moves seasonally
Correct