

1. What is an example of a Univariate time series?

1 / 1 point

- Baseball scores
- Hour by hour temperature
- Fashion items
- Hour by hour weather

 Correct

2. What is an example of a Multivariate time series?

0 / 1 point

- Hour by hour temperature
- Hour by hour weather
- Fashion items
-

 Incorrect

3. What is imputed data?

1 / 1 point

- A bad prediction of future data
- A projection of unknown (usually past or missing) data
- Data that has been withheld for various reasons
- A good prediction of future data

 **Correct**

4. A sound wave is a good example of time series data

1 / 1 point

True

False

 **Correct**

5. What is Seasonality?

1 / 1 point

Data that is only available at certain times of the year

Data aligning to the 4 seasons of the calendar

Weather data

A regular change in shape of the data

 **Correct**

6. What is a trend?

0 / 1 point

A [REDACTED]

An overall consistent flat direction for data

An overall direction for data regardless of direction

A [REDACTED]

 **Incorrect**

7. In the context of time series, what is noise?

1 / 1 point

- Data that doesn't have a trend
- Unpredictable changes in time series data
- Sound waves forming a time series
- Data that doesn't have seasonality

 Correct

8. What is autocorrelation?

0 / 1 point

- [Redacted]
- Data that follows a predictable shape, even if the scale is different
- [Redacted]
- [Redacted]

 Incorrect

9. What is a non-stationary time series?

1 / 1 point

- One that has a constructive event forming trend and seasonality.
- One that has a disruptive event breaking trend and seasonality.
- One that is consistent across all seasons.
- One that moves seasonally.

 Correct

