

Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE

100%

Week 1 Quiz

LATEST SUBMISSION GRADE

100%

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

1 / 1 point

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

Correct

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

1 / 1 point

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

Correct

3. What is imputed data?

1 / 1 point

- A bad prediction of future data
- Data that has been withheld for various reasons
- A good prediction of future data
- A projection of unknown (usually past or missing) 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 aligning to the 4 seasons of the calendar
- A regular change in shape of the data
- Weather data
- Data that is only available at certain times of the year

Correct

6. What is a trend?

1 / 1 point

- An overall consistent upward direction for data
- An overall direction for data regardless of direction
- An overall consistent flat direction for data
- An overall consistent downward direction for data

Correct

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

1 / 1 point

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

Correct

8. What is autocorrelation?

1 / 1 point

- Data that follows a predictable shape, even if the scale is different
- Data that doesn't have noise
- Data that automatically lines up seasonally
- Data that automatically lines up in trends

Correct

9. What is a non-stationary time series?

1 / 1 point

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

Correct