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

Correct

2. What is an example of a Multivariate time series? — 1 / 1 point

- ( ) Baseball scores
- (•) Hour by hour weather
- ( ) Fashion items
- ( ) Hour by hour temperature

Correct

3. What is imputed data? — 1 / 1 point

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

Correct

4. A sound wave is a good example of time series data — 1 / 1 point

- ( ) False
- (•) True

Correct

5. What is Seasonality? 1 / 1 point

- Data that is only available at certain times of the year
- (selected) A regular change in shape of the data
- Weather data
- Data aligning to the 4 seasons of the calendar

✓ Correct

6. What is a trend? 1 / 1 point

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

✓ Correct

7. In the context of time series, what is noise? 1 / 1 point

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

✓ Correct

8. What is autocorrelation? 1 / 1 point

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

✓ Correct

9. What is a non-stationary time series? 1 / 1 point

- One that has a constructive event forming trend and seasonality

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

Correct