Week 1 Quiz
Quiz, 9 questions

9/9 points (100%)

✓ **Congratulations! You passed!**

Next Item

✓ 1 / 1
point

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

◯ **Hour by hour weather**

◯ **Fashion items**

◯ **Baseball scores**

◯ **Hour by hour temperature**

Correct

✓ 1 / 1
point

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

◯ **Hour by hour weather**

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Correct

○ **Fashion items**

○ **Baseball scores**

○ **Hour by hour temperature**

✓   1 / 1
      point

3.
What is imputed data?

⦾ **A projection of unknown (usually past or missing) data**

Correct

○ **A bad prediction of future data**

○ **Data that has been withheld for various reasons**

○ **A good prediction of future data**

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9/9 points (100%)

4.

A sound wave is a good example of time series data

◯ True

▲

Correct

◯ False

✔ 1 / 1
point

5.

What is Seasonality?

◯ **Data aligning to the 4 seasons of the calendar**

◯ **Data that is only available at certain times of the year**

◯ **Weather data**

◯ **A regular change in shape of the data**

▲

Correct

✔ 1 / 1
point

6.
What is a trend?   **9/9 points (100%)**

⃝ **An overall consistent flat direction for data**

⃝ **An overall consistent downward direction for data**

⃝ **An overall consistent upward direction for data**

🔘 **An overall direction for data regardless of direction**

▲

Correct

✔   1 / 1
    point

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

⃝ **Sound waves forming a time series**

⃝ **Data that doesn't have seasonality**

🔘 **Unpredictable changes in time series data**

▲

Correct

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Data that doesn't have a trend

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1 / 1
point

8.
What is autocorrelation?

○   **Data that automatically lines up seasonally**

○   **Data that automatically lines up in trends**

○   **Data that doesn't have noise**

◉   **Data that follows a predictable shape, even if the scale is different**

▲

Correct

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1 / 1
point

9.
What is a non-stationary time series?

○   **One that has a constructive event forming trend and seasonality**

○

One that has a disruptive event breaking trend and seasonality

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Correct

○　**One that is consistent across all seasons**

○　**One that moves seasonally**