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



**Hour by hour temperature**



**Fashion items**



**Baseball scores**



**Hour by hour weather**

1. **What is an example of a Multivariate time series?**



**Hour by hour weather**



**Baseball scores**



**Fashion items**



**Hour by hour temperature**

1. **What is imputed data?**



**A bad prediction of future data**



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



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



**A good prediction of future data**

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



False



True

1. **What is Seasonality?**



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



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



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



**Weather data**

1. **What is a trend?**



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



**An overall consistent upward direction for data**



**An overall consistent downward direction for data**



**An overall consistent flat direction for data**

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



**Unpredictable changes in time series data**



**Data that doesn’t have seasonality**



**Data that doesn’t have a trend**



**Sound waves forming a time series**

1. **What is autocorrelation?**



**Data that doesn’t have noise**



**Data that automatically lines up seasonally**



**Data that automatically lines up in trends**



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

1. **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**



**One that is consistent across all seasons**



**One that moves seasonally**