

✓ Congratulations! You passed!

TO PASS 80% or higher

Keep Learning

GRADE 88.88%

Week 1 Quiz

LATEST SUBMISSION GRADE 88.88%

	What is an example of a Univariate time series?	1 / 1 point
	Hour by hour temperature	
	○ Fashion items	
	O Baseball scores	
	O Hour by hour weather	
	✓ Correct	
	What is an example of a Multivariate time series?	1/1 point
	O Hour by hour temperature	
	○ Fashion items	
	Hour by hour weather	
	O Baseball scores	
	✓ Correct	
3.	What is imputed data?	0/1 point
	A bad prediction of future data	
	A projection of unknown (usually past or missing) data	

	O Data that has been withheld for various reasons	
	A good prediction of future data	
	X Incorrect	
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
	○ Weather data	
	 Data aligning to the 4 seasons of the calendar A regular change in shape of the 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 consistent downward direction for data	
	An overall direction for data regardless of direction	
	An overall consistent flat direction for data	
	✓ Correct	

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

1 / 1 point

	O Sound waves forming a time series	
	O Data that doesn't have a trend	
	Unpredictable changes in time series data	
	Oata that doesn't have seasonality	
	✓ Correct	
8.	What is autocorrelation?	1/1 point
	O Data that doesn't have noise	
	Data that follows a predictable shape, even if the scale is different	
	Oata that automatically lines up seasonally	
	Oata that automatically lines up in trends	
	✓ Correct	
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 moves seasonally	
	One that is consistent across all seasons	
	✓ Correct	