MINE PRACTICE QUIZ

This practice quiz is designed to help students assess their understanding of the Mine stage.

Mine Q1	Factual Knowledge
Question Type	Multiple Choice
Topic	Data Pre/ Post Processing
Question	You should ALWAYS
Correct Answer	Answer Options
	[a] make a copy of your dataset before doing any data preparation.
	[b] make a copy of your dataset before cleaning the data in case a change you make is incorrect and you need to refer to the original.
X	[c] All of the above
	[d] None of the above.
Brightspace	
Grading Method	Points earned for correct answer only.
Points	1

Mine Q2	Factual Knowledge
Question Type	True False
Topic	Data Pre/ Post Processing
Question	One of the most work-intensive tasks in cleaning data is handling inconsistent information.
Correct Answer	Answer Options
X	True
	False
Brightspace	
Grading Method	Points earned for correct answer only.
Points	1

Mine Q3	Factual Knowledge
Question Type	True False
Topic	Data Pre/Post Processing
Question	Most datasets are 100% clean and ready to be used to create visualizations.
Correct Answer	Answer Options
	True
X	False
Brightspace	
Grading Method	Points earned for correct answer only.
Points	1

Mine Q4	Factual Knowledge
Question Type	Multiple Selection (M-S)
Topic	Data Pre/Post Processing
Question	After cleaning (mining) data, you should (select all that apply):
Correct Answer	Answer Options
X	[a] Document everything you did to clean the data
X	[b] Be careful to write a set of instructions as you go, documenting exactly what was done in each step to identify bad data and which data points were removed.
	[c] Filter out the data that you need and delete the data that you do not need.
Brightspace	
Grading Method	Points earned for correct answer only.
Points	1

Mine Q5	Factual Knowledge			
Question Type	Matching			
Topic	Basic Statistical Methods			
Question	Match the description to the basic statistical method.			
Correct Answer	Description		Numeric Option	Data Type
1	Mean		1	The most common method for finding averages.
2	Mode		2	The most frequent response value.
3	Median		3	The value in the precise center of the dataset.
			4	Used to determine how far apart the most extreme values in a dataset are.
Brightspace				
Points	6			
Grading Method				

Mine Q6	Factual Knowledge
Question Type	True False
Topic	Data Pre/Post Processing
Question	Data Transformations are one of the common manipulation procedures which can reveal features hidden in the data that are not observable in their original form.
Correct Answer	Answer Options
X	True
	False
Brightspace	
Grading Method	Points earned for correct answer only.
Points	1