

ACQUIRE PRACTICE QUIZ

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

Acquire Q1	Factual Knowledge
Question Type	Multiple Choice
Topic	Data Literacy
Question	The key component of the data visualization process is data. In order to perform data visualization, you must have some understanding of data. Select the statement that defines data literacy.
Correct Answer	Response Options
	Data literacy is the ability to locate data for a specific data visualization process.
X	Data literacy is the ability to explore, understand and communicate with data.
	Data literacy is the ability to break data into its most basic parts for future analysis and processing
	Data literacy is understanding data is the key component of the data visualization process. No data = no data visualization.
Grading Method	All or nothing
Points	1

Acquire Q2	Factual Knowledge			
Question Type	Matching			
Topic	Data Literacy			
Question	Broadly defined, there are data, data sources, and data products. Match the term with the definition.			
Correct Answer	Definition		Numeric Option	Term
3	Translates records of events into something that can easily be understood.		1	Data
1	Events that are captured and made available for analysis.		2	Data Source
2	A consistent record of events.		3	Data Product
Grading Method	.333 points for each correct answer			
Points	1			

Acquire Q3	Factual Knowledge
Question Type	Multiple Selection (M-S)
Topic	Data Literacy
Question	Data products exists in many forms. Check all that apply when describing data products.
Correct Answer	
X	Change rapidly with technology
X	May be automated
X	May be created by hand
X	Could consists of raw data in an excel or csv file
X	Could be highly processed
Grading Method	Right Minus Wrong Selection (+ - 0.2 pts per answer)
Points	1

Acquire Q4	Factual Knowledge
Question Type	Multiple Choice
Topic	Data Literacy
Question	Which of the following is NOT a barrier to using data products?
Correct Answer	Answer Options
	Assuming everyone knows the terminology associated with data.
	Not knowing where to start or what to focus on.
X	Simple and uncluttered data.
	Data products designed to deliver everything at once.
Grading Method	Points earned for correct answer only.
Points	1

Acquire Q5	Factual Knowledge
Question Type	Multiple Choice
Topic	Data Literacy
Question	Which of the following are examples of data products? [a] Website that shows you reports in real-time. [b] Power Point presentation. [c] csv file containing sales details. [d] a complex interactive data visualization
Correct Answer	Answer Options
	[a] and [b]
	Only [c]
	[a], [b], and [c]
	Only [d]
X	All of the above
	None of the above.
Grading Method	Points earned for correct answer only.
Points	1

Acquire Q6	Conceptual
Question Type	True/False
Topic	Data Literacy
Question	An online weather forecast is an example of a data product.
Correct Answer	Answer Options
X	True
	False
Grading Method	Points earned for correct answer only.
Points	1

Acquire Q7	Factual Knowledge			
Question Type	Matching			
Topic	Data Literacy			
Question	In the question below match the basic data types with the descriptions			
Correct Answer	Description		Numeric Option	Data Type
1	A number, no decimal points.		1	Integer
3	A single letter or other symbol.		2	Float
2	A number with decimal points.		3	Character
5	Consisting of both letters and numbers and often other symbols (such as punctuation marks and mathematical symbols).		4	String
6	A value that is either True, or False.		5	Alphanumeric
4	Any textual data or set of characters that forms a word or a sentence.		6	Boolean
Points	6			
Grading Method				