

# ML Review Quiz: Data

\* Required

## 1. Features and Labels \*

6 points

Our data can typically be split into two parts: the features, some easy to measure attributes of each data point, and the data points' costly labels, which we would like to predict. Match these synonymous terms correctly:

*Mark only one oval per row.*

	Feature	Label
Input	<input type="radio"/>	<input type="radio"/>
Output	<input type="radio"/>	<input type="radio"/>
X	<input type="radio"/>	<input type="radio"/>
y	<input type="radio"/>	<input type="radio"/>
Independent Variable	<input type="radio"/>	<input type="radio"/>
Dependent Variable	<input type="radio"/>	<input type="radio"/>

## 2. You run a company that manufactures scooters. Which of the following are examples of unstructured data? (Select all that apply.) \*

2 points

*Check all that apply.*

- ☐ Pictures of your scooters
- ☐ The maximum speed of each of your scooters
- ☐ The number of scooters sold per week over the past year
- ☐ Audio files of the engine sound of your scooters

3. Which of these statements regarding data acquisition do you agree with? \* 1 point

*Mark only one oval.*

- ☐ It doesn't matter how data is acquired. The more data, the better.
- ☐ It doesn't help to give data to an AI team, because they can always produce whatever they need by themselves.
- ☐ Only structured data is valuable; ML cannot process unstructured data.
- ☐ Some types of data are more valuable than others; working with an AI team can help you figure out what data to acquire.

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