ML Review Quiz: Data

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	⬭	⬭
Output	⬭	⬭
X	⬭	⬭
y	⬭	⬭
Independent Variable	⬭	⬭
Dependent Variable	⬭	⬭

2. **You work at 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 the scooters
   - [ ] The maximum speed of each scooters
   - [ ] The number of scooters sold per week over the past year
   - [ ] Audio files of the engine sound of the 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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