

Module 1 Quiz

LATEST SUBMISSION GRADE

100%

1. Which of the following statements is true?

1 / 1 point

- ☐ You don't need to worry about data privacy constraints, that is solely the responsibility of the business.
- ☐ The same success criteria can be used for both the machine learning model and the business problem.
- ☒ The Business Understanding and Problem Discovery phase primarily involves communication and discussion with domain experts.

✓ **Correct**

Correct! By the end of this phase you want to be able to answer: what is the machine learning solution for this business problem? The key to answering this question is communication.

2. Which of the following statements are true? (Select all that apply.)

1 / 1 point

- ☒ It is typical for the machine learning scientist to try to adapt to the business domain rather than the domain expert adapting to the machine learning domain.

✓ **Correct**

✓ **Correct**

Correct! Timelines and deliverables are important aspects to defining milestones.

- ☐ It is okay to leave the Business Understanding and Problem Discovery phase without a clear understanding of the machine learning problem you're going to tackle.

3. What do we mean when we say data is the new oil?

1 / 1 point

- ☐ It's mined from the earth like oil.
- ☒ It's highly valuable, but needs processing to be useful
- ☐ It's sticky and unpleasant, like oil
- ☐ It lubricates all sorts of functions

✓ **Correct**

5. What will garbage learning data result in?

1 / 1 point

- ☐ There's no such thing as garbage learning data
- ☐ Nothing
- ☒ A QuAM that appears to give valid answers
- ☐ A QuAm that gives nonsense answers

✓ **Correct**

6. Which of the following is NOT a necessary characteristic of good data?

1 / 1 point

- ☐ Completeness
- ☐ Representativeness
- ☐ The distribution might shift from what it was in the training data
- ☒ All of the above

✓ **Correct**

8. "I have this bunch of data, can we do ML with it?" is not a good way to go about ML. Why is that?

1 / 1 point

- ☒ Because the data was collected without knowledge of the context or purpose of the ML system and so probably won't have all the data you need
- ☐ Because it will likely be terrible data
- ☐ Because there are too many questions you could answer with the data
- ☐ You are wrong, this is a great way to go about doing ML

✓ **Correct**

9. The ratio of correctness refers to:

1 / 1 point

- ☒ Number of correct predictions divided by the total number of predictions
- ☐ The total number of predictions divided by the number of correct predictions
- ☐ The number of true positives divided by the number of correct predictions
- ☐ The number of false predictions divided by the number of correct predictions

✓ **Correct**