**Question 1**
What are the current limitations of AI technology? (Select all that apply)

Answer:

a) Explainability is hard
b) AI technology can discriminate
c) AI technology is susceptible to adversarial attacks
d) AI technology can be biased

**Question 2**
What is the Goldilocks Rule of AI?

Answer:

One shouldn't be too optimistic or too pessimistic about AI technology

**Question 3**

Say you are building an AI system to help make diagnoses from X-ray scans. Which of the following statements about explainability of AI do you agree with?

Answer:

Lack of explainability can hamper user's willingness to trust and adopt an AI system.

**Question 4**
Using current AI technology, if a machine learning system learns from text that reflects unhealthy biases/stereotypes, then the resulting AI software may also exhibit similarly unhealthy biases/stereotypes.

Answer:

True

**Question 5**

Using current AI technology, if a machine learning system learns only from text that is completely neutral and does not reflect any gender biases, then we would expect it to exhibit no, or at most minimal, gender bias.

Answer:

True

**Question 6**

Which of these are good practices for addressing bias in AI? (Select all that apply)

Answer:

a) Systematic auditing process to check for bias
b) Technical solution such as "Zero out " bias
c) Using more inclusive/ less biased data

**Question 7**
Which of these are examples of adversarial attacks on an AI system? (Select all that apply)

**Answer:**

    **a) Subtly modifiying an audio clip to make a specch recognition system think someone said "Yes , authorized " when they actually said " No reject."**
    **b) Adding a sticker to a stop sign to make an AI system fail to detect it.**
    **c) Subtly changing an image to make an AI sysem mistakenly recognize a dog as a cat**

## Question 8

If a developing economy has a strong and thriving coffee bean manufacturing industry (or some other vertical industry), then it has an advantage in applying AI to coffee bean manufacturing (or other vertical industry).

**Answer:**

    **True**

## Question 9

What are the jobs that AI is most likely to displace over the next several years?

**Answer:**

    **Jobs that comprise primarily of routine, repetitive work**

## Question 10

Congratulations! You deserve a pat on the back for finishing this course.

**Answer:**

    **True**