

Responsible Machine Learning Review

LATEST SUBMISSION GRADE
100%

1. Which of the following are legitimate ethical considerations?

1 / 1 point

☒ Whether AI systems treat groups fairly

✓ Correct

☒ How governments might use autonomous weapons systems

✓ Correct

☒ How governments and corporations might use facial recognition systems

✓ Correct

☒ Whether AI systems treat individuals fairly

✓ Correct

✓ Correct

☒ The privacy of the users

✓ Correct

☒ That developers must take responsibility for the harm their systems cause

✓ Correct

2. Why should you be careful about an ML system making decisions without human involvement?

1 / 1 point

☐ Because even unbiased data may have meaningless patterns that the ML system picks up as meaningful

☐ Because biased data can create patterns that result in feedback loops

☐ Because the context of an answer can change the meaning of the answer

☒ All of the above

✓ Correct

☒ You can get people trying to get good scores on the metrics, instead of the behavior you're trying to measure

✓ Correct

☐ You can end up with a really complicated proxy

☐ You can compromise your long term goals by optimizing for short term goals

☐ You can end up being eaten by a man-eating tiger

4. Which of the following need to be considered as an ML developer?

1 / 1 point

☐ ISO standards for the industry your ML system is in

☐ Data privacy and security laws in your jurisdiction

☐ Industry regulations in your jurisdiction

☐ Indigenous Data Sovereignty

☒ All of the above

✓ Correct

5. Which is an example of unexpected drawbacks?

1 / 1 point

☐ A routefinder app that optimizes for speed and sends everyone through small residential streets and causes traffic jams

☒ A bus designer who makes busses with stairs and narrow aisles to optimize the number of passengers, but makes it inaccessible for women with strollers or elderly people with walkers

☐ A drug being tested for lowering blood pressure that underperforms at that, but is found to be an effective cough suppressant

☐ A quality control QuAM that significantly decreases the defective products coming off a manufacturing line

✓ Correct