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## Survey Responses

## Al/ML Algorithm Bias, Legal and Ethical Issues Part 2

This is a supplemental survey for the main survey AI/ML Algorithm Bias, Legal and Ethical Issues. If you have not completed that survey, it would be appreciated if you would. The purpose of this survey is to gather some specific information about AI/ML courses that was missed in the original survey. The following is the description of the original survey: Bias in this survey is not defined as the bias-variance trade-off that is typically taught in Artificial Intelligence (AI) / Machine Learning (ML) algorithmic design. Bias in the input to the algorithm (datasets in most cases) is defined as using certain features of the input data that can introduce bias into the algorithmic model. For example, using gender, race, or age to train a model where using those features can introduce legal or ethical issues. Bias in the algorithmic results interpretation is defined as cognitive biases by the interpreter. Legal and ethical issues in algorithmic bias encompass any legal or ethical ramifications to the individual or company that creates, deploys, or interprets the results of the algorithms. This also includes any discussions on laws or policies that can govern the creation or use of AI/ML algorithms.

**CSV** 

**JSON** 

If you have taken any AI/ML courses (in OMSCS or another MOOC provider) and they have discussed algorithm bias in the input data or results interpretation please list the provider and course name (For example, OMSCS - Machine Learning, OMSCS - Artificial Intelligence, EDX - Python for Machine Learning, etc.)

- 1. I have taken ML, RL and ML4T and I don't remember much time being spent on biases outside of a few slides.
- 2. Machine Learning
- 3. OMSCS-ML
- 4
- 5. CS7642 Machine Learning
- 6. OMSCS Machine Learning
- 7. None
- 8. Sorry, have not taken the class
- 9. Generally only very superficially, a one off comment, not a lecture on such a topic. BD4H covers this topic but not deeply.

```
10. n/a
11. EDX - Python for Machine Learning
12. No.
13.
14.
15. No
16.
17. NA
18. CS7637-KBAI

    OMSCS - Machine Learning, OMSCS Reinforcement Learning, Udacity Deep.

Learning, Udacity Al Foundations, OMSCS ML4T, OMSCS Al For Robotics, Coursera
Intro to Machine Learning
20. OMSCS Intro to Al
21. None
22. OMSCS - Machine Learning, OMSCS - Machine Learning For Trading, Coursera -
Machine Learning
23. OMSCS - Machine Learning
24. no
25. None yet
26.
27.
28. ML, KBAI, RL, AI4R
29. Omscs - knowledge based Al
30. Coursera, Andrew Ng Machine Learning
31. Introduction to Machine Learning - Google
32. OMSCS - Knowlege-Based Artificial Intelligence
33. OMSCS - KBAI
34. Machine Learning, OMSCS
35. yes
36. none
37. OMSCS - Machine Learning, OMSCS - Machine Learning for Trading
38. N/A
39. KBAI- OMSCS
```

If you have taken any AI/ML courses (in OMSCS or another MOOC provider) and they have discussed algorithm bias legal or ethical issues please list the provider and course name (For example, OMSCS - Machine LearningOMSCS - Artificial Intelligence, EDX - Python for Machine

40.

## Learning, etc.)

- 1. Same as above. Maybe a slide or two but nothing in depth.
- 2. Machine Learning
- 3. N/A
- 4.
- 5. CS7642 Machine Learning
- 6. OMSCS Knowledge Based Al
- 7. None
- 8. Sorry, have not taken the class
- 9. BD4H in OMSCS covers the legal issues in your input features as they are generally covered by HIPAA.
- 10. n/a
- 11. EDX Python for Machine Learning
- 12. No
- 13.
- 14.
- 15. OMSCS-KBAI
- 16.
- 17. NA
- 18. CS7637-KBAI-python and java
- 19. OMSCS Machine Learning, OMSCS Reinforcement Learning, Udacity Deep Learning, Udacity Al Foundations, OMSCS ML4T, OMSCS Al For Robotics, Coursera Intro to Machine Learning
- 20. OMSCS Intro to Al
- 21. None
- 22.
- 23. OMSCS Machine Learning
- 24. yes
- 25. None yet
- 26.
- 27.
- 28. None
- 29. Omscs knowledge based Al
- 30. OMSCS Knowledge Based Al
- 31. No
- 32. OMSCS Knowlege-Based Artificial Intelligence
- 33. OMSCS KBAI
- 34. Machine LearningOMSCS
- 35. OMSCS Machine LearningOMSCS, coursera machine learning by Andrew NG
- 36. none
- 37. OMSCS Machine Learning, OMSCS Machine Learning for Trading
- 38. N/A
- 39. KBAI- OMSCS
- 40.

