

# AI/ML Algorithm Bias, Legal and Ethical Issues

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 (data sets 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 encompasses 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.

No personally identifying information is collected.

\* Required

If you have taken any AI/ML MOOC courses outside of OMSCS have any discussed how to identify features in the input data that could introduce bias? \*

- ☐ Yes
- ☐ No
- ☐ N/A

If you have taken any AI/ML MOOC courses outside of OMSCS have any discussed how to identify bias when interpreting the AI/ML algorithm's results? \*

- ☐ Yes
- ☐ No
- ☐ N/A

If you have taken any AI/ML MOOC courses outside of OMSCS have any discussed legal or ethical implications of algorithm bias? \*

- ☐ Yes
- ☐ No
- ☐ N/A

If you have taken any AI/ML OMSCS courses have any discussed how to identify features in the input data that could introduce bias? \*

- ☐ Yes
- ☐ No
- ☐ N/A

If you have taken any AI/ML OMSCS courses have any discussed how to identify bias when interpreting the AI/ML algorithm's results? \*

- ☐ Yes
- ☐ No
- ☐ N/A

If you have taken any AI/ML OMSCS courses have any discussed legal or ethical implications of algorithm bias? \*

- ☐ Yes
- ☐ No
- ☐ N/A

If you have been interviewed for an AI/ML related position, were you asked any questions associated with algorithm bias (input data or results interpretation)? \*

- ☐ Yes
- ☐ No
- ☐ N/A

If you have been interviewed for an AI/ML related position, were you asked any questions associated with legal or ethical issues regarding AI/ML algorithms? \*

- ☐ Yes
- ☐ No
- ☐ N/A

Has any employer provided training regarding AI/ML algorithm bias? \*

- ☐ Yes
- ☐ No

Has any employer provided training regarding legal or ethical implications of AI/ML algorithms? \*

- ☐ Yes

☐ No

Would you be interested in taking a course that teaches bias in AI/ML algorithm input data and results interpretation? \*

☐ Yes

☐ No

☐ Maybe

Would you be interested in taking a course that teaches AI/ML algorithm legal and ethical issues? \*

☐ Yes

☐ No

☐ Maybe

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