
AWS
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COM304

Detect and resolve biases in artificial intelligence

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FR Un infirmier va à l'hôpital FR



US A nurse goes to the hospital US



FR Une infirmière va à l'hôpital FR

Google Translate

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FR Trois infirmiers et une infirmière vont à l'hôpital FR

US Three nurses and one nurse go to the hospital US

FR Trois infirmières et un infirmier vont à l'hôpital FR

DeepL

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Agenda

What is bias and why it’s important

Demo: how to spot biases in datasets

Demo: how to spot biases in models

Conclusion

Code



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“Bias (n) – inclination or prejudice for or against one person or group, especially in a way considered to be unfair”

Oxford Languages

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“Uber’s self-driving car didn’t know pedestrians could jaywalk”

Wired – 11/5/2019



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Biases don’t come from the data scientists but from the dataset

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Conclusion

- Biases come from datasets
- Analyze datasets by asking yourself a lot of questions
- Use multiple explainable AI (XAI) algorithms to analyze models
- No tool can automate the whole process

It's a lot of work, but it’s worth it!

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Code



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Thank you!

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