

Biases in Artificial Intelligence

Jun. Prof. Dr. Hanna Drimalla, Dr. David Johnson and Olya Hakobyan

Seminar Outline WiSe 21/22

Date	Topic	Lecturer	
13.10.2021	Intro: Biases in AI	Drimalla	Theoretical Input
20.10.2021	Intro: Machine Learning	Johnson	
27.10.2021	Intro: Bias Types and Decision Making	Hakobyan	
03.11.2021	Intro: Fairness in AI	Johnson	
10.11.2021	Biases in Data Generation I	Drimalla	Student Presentations
17.11.2021	Biases in Data Generation II	Hakobyan	
24.11.2021	Biases in Models and Implementation	Johnson	
01.12.2021	Assessment of Biases in Datasets and Models	Drimalla	Student Presentations + Practical Sessions
08.12.2021	Practical Session (Inverted Classroom)	Drimalla	
15.12.2021	Methods to Mitigate Biases	Johnson	
22.12.2021	Practical Session (Inverted Classroom)	Johnson	
	Holiday Break		
12.01.2022	Model Interpretability	Johnson	
19.01.2022	Practical Session (Inverted Classroom)	Johnson	
26.01.2022	Perception of Algorithmic Decision	Drimalla	Student Presentations
04.02.2022	Feedback	Drimalla	