Data Ethics, AI and Responsible Innovation

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Introduction

These are my notes from participation in the Edinburgh Data Ethics MOOC, running in November and December 2020. Any errors here are my own responsibility.

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0.1 Course overview

Week 1 Ethics and Law What are ethical values? Can we rely on legal regulation? What are the most pressing issues facing data driven industries?

Week 2 Crime and Justice Should we use predictive policing and sentencing algorithms? How can biases sneak into such algorithms? How can we remove them?

Week 3 Home and City What are the promises of smart homes and cities? How can they impact our privacy and freedom? How can we design them to protect those values?

Week 4 Money and Markets Can future tech lead to a world without money? Can algorithms help us fairly distribute resources? How could we design a fair AI?

Week 5 Life and Health Should we keep genetic databanks? Would you trust an AI doctor? What are the principles of responsible research and innovation?

Week 1

Week 1: Ethics and Law

References