

# 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