# Data Ethics, AI and Responsible Innovation

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# Introduction

## 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?

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Week 1

# Week 1: Ethics and Law

# Bibliography