

MDataGov Symposium 2019

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March 2019



URBAN AND
RURAL



SOCIETY



SUSTAINABILITY



THE EVOLVING
ECONOMY



UK IN A GLOBAL
CONTEXT

The MDataGov Community

- 2017-18: first cohort
- April 2018: informal get together (13 people, Newport)
- Now:
 - MDataGov Slack channel (Anthony.Fitzroy@ons.gov.uk)
 - 28 Campus-funded students so far
 - Over 40 MSc students across three universities and
 - Over 130 CPD students (individual modules) per year
- March 2019: MDataGov Symposium
 - Manchester
 - 82 people
 - 16 government depts and 6 universities
 - International students

The MDataGov Community

- Campus Data Science seminar series (attendee/speaker)
- All about MDataGov and other opportunities <https://datasciencecampus.ons.gov.uk/>
- Students blogs: Soumaya Mauthoor (UCL an HO) <https://datasciencecampus.ons.gov.uk/the-highs-and-lows-of-juggling-university-work-and-life/>
- Get involved!

MDataGov Structure

- **Structure (if 10 credits per module)**
 - ✓ **Four compulsory modules (all providers)**
 - Data Science Foundations
 - Statistical Programming
 - Statistics in Government
 - Survey Fundamentals
 - ✓ **Eight optional modules (it may vary across providers)**
 - **Data Science:** Spatial Analysis, ML and AI, Data Mining, High Performance Computing with Python, Software Engineering, Data Visualisation, Distributed Systems, Advanced ML, Applied Data Mining, etc.
 - **Statistics:** Regression Modelling, Intro to Survey Research, Survey Data Collection, Time Series Analysis, Small Area Estimation, Bayesian Methods, Further Survey Estimation Methods, Compensating for Non-response, Demographic Methods, etc.

MDataGov Structure

- Entry requirement: degree in quantitative discipline
- Up to 5 years to complete
- Three universities
 - University of Southampton
 - Oxford Brookes University
 - University College London
 - 2-3 potential partners joining soon
- 2019-20 Campus sponsorship
 - April/May
 - Results end of May

Data Science Campus

<https://datasciencecampus.ons.gov.uk/>

atacampus@ons.gov.uk



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Thank you!

- Speakers
- Delegates
- Organising Committee
- Campus team

See you next year!



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