Text Analysis

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Dr Diarmuid McDonnell

Computational methods are transforming research practice across the disciplines. For social scientists these methods offer a number of valuable opportunities, including creating new datasets from digital sources; unearthing new insights and avenues for research from existing data sources; and improving the accuracy and efficiency of fundamental research activities.

In this one-day course you will learn how to apply computational methods for the management and analysis of text data. Using Python and R, you will develop skills in preparing textual data for computational analysis; and core methods of text data analysis (e.g., topic modelling).

Programme

09:30 – 09:45	Welcome
09:45 – 10:15	Lecture 1 – Fundamentals of text analysis
10:20 – 10.40	Lecture 2 – Preprocessing text data
10:40 – 11:00	Practical – Getting set up
11:00 – 11:15	Break

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11:15 – 12:00	Practical 1 – Preprocessing text data
12:00 – 12:30	Practical 2 – Fundamental techniques of text analysis
12:30 – 13:30	Lunch
13:30 – 14:45	Practical 3 – Unsupervised approaches to text analysis
14:45 – 15:00	Next steps