Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

www.tcd.ie/ssp/CPD/

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Why study a Continuing Professional Development Programme with the TCD School of Social Science & Philosophy?

This suite of CPD programmes will enable professionals to enhance their skills in Data Science and trains participants in the fundamental knowledge and skills of social data analysis. These modules have been co-created with key industry partners to address the scarcity of training in data science in Ireland. Some of the benefits of the modules include:

- **Learn in the environment of Ireland's top university**
- **Courses taught by leading Trinity academics**
- **Earn a Certificate of Completion in the selected CPD programme**
- **Access to Trinity's Virtual Learning Environment – Blackboard**
- **Short courses with flexible modes of delivery**
- **Small class sizes**

Who is this course for?

Working professionals from the private and not-for-profit sectors. Managers; HR professionals; product developers; market researchers; service providers; marketers / brand managers and compliance officers from the financial, insurance, legal, IT and consumer products / services industries.

Rialtas na hÉireann
Government of Ireland

FUTURE JOBS IRELAND
Preparing Now for Tomorrow's Economy

HCI Human Capital Initiative

Big Data, AI and Ethics

School of Social Sciences and Philosophy

Contact   **School of Social Sciences and Philosophy**

Shane Fitzgerald,
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Dr. William Ratoff,
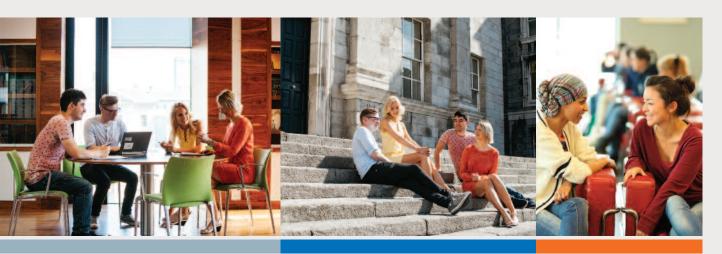Module Lecturer: ratoffw@tcd.ie

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Big Data, AI and Ethics

The Big Data, AI & Ethics module is part of a programme of Continuous Professional Development in the area of Applied Social Data Analysis that the School of Social Sciences and Philosophy will delive.

Addressing the scarcity of training in data science in Ireland and co-created with key industry partners, the Big Data, AI & Ethics programme trains participants in the fundamental knowledge and skills of social data analysis.

What topics will you cover?

This CPD on the philosophy and ethics of social data will critically examine the ethical and philosophical issues raised by social data. It will cover topics such as digital identity, algorithmic fairness and diversity, transparency of data and algorithms, privacy and data protection. It will adopt an interactive approach and the discussion will revolve around concrete case studies and examples.

How is the course delivered?

The CPD will be delivered online over 6 weeks with two 2-hour sessions each week (2 hours X 2 days X 6 weeks) and 1 hour of asynchronous material. This will be preceded by 2 hours of preparatory online instruction. In order to be awarded the Certificate of Completion in Big Data, AI, & Ethics, participants will need to have completed all required CPD exercises.

Cost

The CPD fee is €1,500.

Register at **www.tcd.ie/ssp/CPD**

Big Data, AI & Ethics examines some of the most pressing ethical issues raised by social data. It introduces participants to key philosophical tools for addressing such problems and will enable participants to identify and respond to new ethical challenges in this area. It will equip participants to identify and reflect on new ethical issues and challenges raised by the use of social data and prepare participants to be able to formulate guidelines for the ethical use of social data.