

Summer School 2019, Week 3, 8th – 12th July 2019

Artificial Intelligence and Machine Learning

	9:30 – 13:00 Clayden Teaching Labs	13:00 – 14:00 Clayden	14:00 – 17:00 Exploration Lab 2, The Forum
Monday 8 th July	AI and machine learning in a larger context	Lunch	Guest speaker: Miriam Koschate-Reis 'Using natural language processing and machine learning to understand social groups online'
Tuesday 9 th July	A gently introduction to classification	Lunch	Guest speaker: David Llewellyn 'The rise of artificial clinical intelligence and applications to dementia diagnostics?'
Wednesday 10 th July	The project: getting your hands dirty with sentiment analysis	Lunch	Guest speaker: Microsoft – Amy Boyd 'A (brief) past, present and future of ethics in AI technologies' Followed by a python workshop with Amy Boyd and Michael Saunby
Thursday 11 th July	Classification and model evaluation	Lunch	Guest speaker: Ana Beduschi 'AI and Human Rights Law'
Friday 12 th July	Present your modelling results	Lunch	Guest speaker: Guest speaker: Hywel Williams 'Social media, news and echo chambers'

Teaching assistants: Finley Gibson and Tim Seah (mornings only)