



## Person Specification

This form lists the essential and desirable requirements needed in order to do the job.

Applicants will be shortlisted **solely** on the extent to which they meet these requirements.

**Job title: Assistant Professor in Data Science**

**Department: Statistics**

**Accountable to: Head of Department**

Requirements	E/D
<b>1. Research</b>	
Expertise and research interests in data science methodology, with a focus on its computational, machine learning, or computational statistics aspects	E
A completed PhD, or close to obtaining a PhD, in computer science, mathematics, statistics or a related subject by the post start date	E
A track record or trajectory of internationally excellent publications	E
Proven ability, as evidenced by existing publications, or potential to publish in top journals	E
A clear, well developed and viable strategy for future outstanding research that has the potential to result in world-leading publications	E
Ability to establish an international reputation in data science	E
Commitment to engaging at the interface/overlap between the disciplines of statistics and data science	E
Evidence of using real-world datasets in research, or interest to do so in future research	E
Evidence of establishing a continued presence and presenting papers at world-leading conferences in computing, machine learning, or computational statistics	D
Commitment to engage in inter-disciplinary research with researchers or end-users outside the academic community in data science, in the broad area of social science	D



Ability to attract external funding	D
Ability to undertake research that has impact and ability to engage in knowledge exchange	D
<b>2. Teaching</b>	
Ability to teach data science courses at both undergraduate and postgraduate level	E
Experience or interest in teaching computing and machine learning courses at both undergraduate and postgraduate level	E
Experience or interest in teaching that involves the use of modern data science software tools and technologies (e.g. for data analysis and visualisation, distributed computing for processing large datasets, and large-scale machine learning)	E
Experience or interest in using real-world datasets in teaching	E
Ability and commitment to supervise PhD students	E
A commitment to high-quality teaching and fostering a positive learning environment for students, including pastoral care	E
<b>3. Other</b>	
A commitment to work as part of a team in assisting the smooth running of the Department and its teaching programmes	E
Excellent written and oral communication skills, including an ability to place one's specialist work within a broader societal context	E
Evidence of innovation or creativity in research or teaching	D

**E – Essential: Requirements without which the job could not be done.**

**D – Desirable: Requirements that would enable the candidate to perform the job well.**