# Candidate Information

**Position:** Lecturer/Lecturer (Education) in Business Analytics
**School/Department:** Queen's Management School
**Reference:** 22/109628
**Closing Date:** Monday 28 March 2022
**Salary:** £37,467 - £51,799 per annum.

## JOB PURPOSE:

To undertake research in line with the School's research strategy, to teach at undergraduate and postgraduate level in areas embedded in and related to Business Analytics and Data Science, and to contribute to the School's administration and industry-engagement activity (Lecturer). To undertake pedagogy-related research and develop innovative teaching practices, to teach at undergraduate and postgraduate level in areas embedded in and related to Business Analytics and Data Science, and to contribute to the School's administration and industry-engagement activity (Lecturer (Education).

## MAJOR DUTIES:

### Teaching:

1. Routinely communicate complex and conceptual material to students using high level skills and a range of media (online, face-to-face).
2. Develop and deliver a range of teaching and learning activities specifically relating to Business Analytics and data science and related subjects at both undergraduate and postgraduate levels. This may include, lectures, tutorials, computer-based sessions, workshops, interactive online sessions, supervised groupwork etc.
3. Develop and implement an appropriate (and innovative) assessment strategy to assess student performance in specific modules.
4. Contribute, where appropriate, to the delivery and development of the Executive Education portfolio.
5. Supervise Master's level dissertations relating to Business Analytics and data science and related areas.
6. Contribute to the enhancement of the student learning experience, ensuring that course design and delivery comply with the appropriate benchmarks and regulations.
7. Develop and advise others on learning and teaching tasks and methods.
8. Act as internal examiner for undergraduate and postgraduate programmes of study.

### Research:

1. Contribute to the research strategies of the School and develop a reputation as an expert in own subject area that is clearly related to business analytics and/or data science.
2. Develop and sustain a track record of published research findings by publishing in high quality refereed journals and other outlets, as well as presenting own research at national and international conferences.
3. Develop innovative research proposals and lead and coordinate funding bids.
4. Lead or contribute towards the development of strategic research areas within the Analytics group and align them with school and university objectives.
5. Undertake supervision of doctoral students.
6. Develop and nurture relationships with industrial practitioners. Create and scope research projects in collaboration with industry to maintain currency of Business Analytics practice.
7. Collaborate and strengthen links with colleagues within and outside the Management School. Actively participate in developing and running research clusters.
8. Direct, coach and develop research staff, where appropriate.
9. Ensure that research projects are completed on time and within budget.

### Administration/Contribution to the Community:

1. Provide pastoral care for students within own area to ensure, as far as practicable, that issues are dealt with in a timely, sympathetic and effective manner.
2. Contribute to the School's business-engagement strategy by designing or delivering business engagement programmes and developing external links.
3. Contribute to the development and running of the School and Subject area by taking on an appropriate (and significant) coordinating role. This may include, for example, Advisor of Studies, Exams Liaison Officer, Programme Director etc.
4. Undertake routine School administrative duties, including, programme and module administration, maintaining effective records relating to student performance and attendance, participation at relevant committees, for example, Exams Boards, Staff Voice Committees etc.

**ESSENTIAL CRITERIA:**
1. PhD completed in Management or related field to Business Analytics or Data Science, or within 6 months of completion.
2. Demonstrable ability to publish research publications of international standard in subjects relevant to business analytics (Lecturer).
3. Demonstrate an ability to secure external research income. (Lecturer).
4. Demonstrable scholarly activity in subjects relevant to business analytics (Lecturer Education).
5. Demonstrate a detailed knowledge of Business Analytics and Data Science.
6. Demonstrate knowledge of  data management, statistical analysis, data visualisation, machine learning, and/or cognate subjects.
7. Demonstrable proficiency in related technologies (e.g. SAS, SPSS, Python or similar).
8. Evidence of ability to teach and assess modules and courses in broad based and specific areas relating to business analytics and/or data science.
9. Evidence of ability to create innovative learning practices incorporating the most recent contemporary technical developments.
10. Evidence of appropriate administrative contribution, such as fulfilment of department responsibilities, participation in examination boards.
11. Determination and ability to advance the research and teaching goals of the School.
12. Ability to strengthen the School's national and international research networks.
13. Must demonstrate evidence of ability to communicate clearly and effectively to a range of stakeholders, but particularly to students.
14. Ability when necessary to provide effective leadership to advance the interests of students, subject group, or School.
15. Evidence of good interpersonal skills and the ability to work both independently and as part of a team.

**DESIRABLE CRITERIA:**
1. PhD in Business Analytics or data science.
2. University level Teaching qualification.
3. Have undertaken (or currently be undertaking) PhD supervision, as primary supervisor or as part of a supervisory team.
4. Experience of working with 'big data' or cloud technologies (e.g. Amazon web services).
5. Experience of working in or collaborating with an analytics function within a relevant industry such as finance, marketing, or management consultancy.
6. Evidence of research capable of being published in practitioner literature or popular publications, online or in print.
7. Interest or experience in communicating ideas with the tech community through appropriate media.
8. Ability to contribute and deliver executive education programmes.
9. Ability to contribute  to curriculum development.
10. Ability to establish collaborative links with the practitioner community through individual networking and engagement efforts.