

# Job Description



<b>Job Title:</b>	Professor of Data Science (and Head of Centre)
<b>Department:</b>	Faculty of Science and Technology
<b>Grade:</b>	Management Contract
<b>Responsible to:</b>	Executive Dean
<b>Responsible for:</b>	A research and innovation-active team within Data Innovation

## Job Purpose:

To establish and lead an emergent new strategic centre in the area of data innovation (analytics and visualisation for social and economic impact). Form a business plan and subsequently enable the growth through income generation to support the expansion of a technical and research team. Consequently, ensure impact of data science and analytics to address challenges and problems in other domains, initially health, engineering and public services. To undertake internationally recognised research and equivalent level knowledge transfer/consultancy activity. To support research-informed teaching in data science and analytics for degree programmes and commercial courses. To mentor colleagues in achieving ambitious goals for research and innovation. To support the development of early career research as well as scholarly activity within the team and, where appropriate, collaboratively across the faculty and university. To develop and promote research and enterprise across the School and the wider University.

## Main Duties and Responsibilities:

- To provide leadership of the Centre for Data Innovation to deliver academic research and enterprise programmes in respect of data innovation within the Faculty of Science and Technology, and across the University.
- To conduct research/publication in Data Innovation and associated disciplines that achieves international recognition and show an equivalent level of knowledge transfer/consultancy activity.
- To make a significant leadership contribution to the development of a stronger research, knowledge transfer and scholarly culture amongst staff within the Faculty and other associated teams.
- To seek and obtain external funding for personal and team applied research and enterprise projects to ensure financial sustainability and growth for the Centre.
- To make an appropriate teaching and supervisory contribution to the academic work of the Faculty.
- Commensurate with the seniority of the post, to take a leadership role in the development of business growth in Data Innovation at UCLan, where such growth is achieved by the team through research, CPD, consultancy and teaching income.
- To engage in other appropriate duties, as determined by the Executive Dean or other members of the Faculty Executive Team.

# Person Specification



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<b>Compiled by:</b>	Ian Allison, Executive Dean
<b>Date:</b>	04 March 2019

Attributes	Essential	Desirable	Measured By
<b>Work Experience</b>	<p>A strong record of successful leadership in the field of data innovation and related areas.</p> <p>A significant contribution by scholarship, research, consultancy, practice or performance in Data Innovation.</p> <p>A proven track record of successful supervisory experience of research and enterprise projects.</p> <p>Recognition in professional setting by professional peers at national and international levels.</p> <p>Successful income record, research project and/or knowledge transfer grants applications</p> <p>A record of internationally recognised research outputs (including research informed design, prototypes, models, etc.) or equivalent knowledge transfer consultancy activity</p> <p>A track record of promoting equality and diversity in policing or academic teams.</p>	<p>Experience of research management and administration in a university department or similar educational or research unit.</p> <p>A proven record of application of data science and analytics in the domains of health, engineering or public services.</p> <p>Substantial experience of teaching / mentoring, course design and leadership at undergraduate level and postgraduate level, and research supervision for doctoral students.</p> <p>Public engagement demonstrating the opportunity for the application of data science and analytics for the promotion of the subject</p>	Application form and interview

<b>Education/Qualifications</b>	A PhD (or equivalent) in a related discipline.	Active member of a relevant Professional Body or Learned Society  Full membership of relevant industry bodies (as appropriate and if applicable).	Application form
<b>Skills/Abilities</b>	Excellent communication skills.  Outstanding external engagement and client management skills.  Excellent research and innovation skills demonstrable by a publication record that is recognised internationally.  Technical skills appropriate to the coordination and delivery of research and teaching.	A thorough knowledge of data related community and funding opportunities  Extensive history of consultancy / knowledge transfer within the discipline.	Application form and interview
<b>Personal Details</b>	Ability to provide leadership and empowerment to colleagues  Ability to achieve high quality outcomes within specified deadlines  Flexible and entrepreneurial approach  Commitment to the University's Mission Statement and Values	Willingness to undertake duties abroad to support the Faculty's activity	Application form and interview