



Lecturer in Data Science and Analytics

Job Summary

Innovative, inclusive and professionally-focused, Robert Gordon University (RGU) has developed its strategy and principles to focus on the significant strengths, often unique in the UK, that underpin our demand-led, transformational teaching, learning and research. The School is a vibrant and inclusive community, renowned for its research, innovation, and teaching excellence in computing science. Internationally recognized for our expertise in Energy Transition, Computational Intelligence, Case-Based Reasoning, and Machine Learning, we are also building strengths in Materials, Cybersecurity, Digital and Immersive Technologies, and Robotics. Supported by national and international funding, we foster a thriving research environment that brings together early-career and established researchers to tackle real-world challenges through cutting-edge applied computer science research.

Building on these strengths, the School offers a diverse range of undergraduate and postgraduate programs, Graduate Apprenticeships, and short courses. These programs span disciplines such as Computer Science, Artificial Intelligence, Mechanical Engineering, Renewable Energy, Cybersecurity, Data Science, Business Analytics, and Robotics.

We are looking to recruit an enthusiastic, innovative and highly motivated lecturer to join our academic community and contribute to our data science and analytics offerings.

This role presents a unique opportunity to inspire and equip students with the skills to scope, manage, and deliver data-driven projects using advanced analytics tools, methodologies, and data management technologies. We are looking for an exceptional communicator with extensive expertise in business and data analytics, demonstrated through teaching, research, or professional experience. You will foster collaborative partnerships with academic institutions, businesses, charities, and public sector organizations.

You will contribute to advancing research and teaching in this dynamic field, with opportunities to publish high-impact research, secure funding, and

engage with interdisciplinary collaborations. Applications are particularly welcome from candidates with expertise in data analytics, data mining, business intelligence, business analytics, data visualization, or related specializations, especially those with experience in applying these skills to health analytics.

Our research directly informs our teaching, and you will actively engage with students at all levels, contributing to their academic and professional development. You will also participate in recruitment, promotional, and outreach activities to inspire the next generation of computer scientists. A PhD in a relevant area, a record of impactful publications, and a strong interest in interdisciplinary research are essential for this role.

RGU's ultra-modern campus, located on the outskirts of the vibrant and prosperous city of Aberdeen, offers a superb place to live, work and develop your career. A relocation package is available to assist with your transition to RGU, where you'll enjoy working in one of the most impressive university settings in the UK, with first-class educational infrastructure and outstanding sporting and leisure facilities, all set against a stunning rural backdrop on the banks of the river Dee. More information can be found on our [relocation pages](#)

Grade 7 Salary Scale: £39,355 - 45,163 / Grade 8 Salary Scale: £46,485 – 55,755. Salary on appointment will be dependent upon experience.

Candidates with limited or no prior experience as an academic will be placed on the first point of the Grade 7 scale. Consideration will be given to offering an Academic Attraction Payment (adjusted annually) for those candidates who have specific industry knowledge, skills or, expertise which are required for the position.

Please see the job attachments for further information regarding the Grade 7 and Grade 8 criteria. Further guidance on Academic Attraction Payments can be found [here](#).

This post is subject to the individual being required to join the PVG scheme. For more information, visit: <https://www.mygov.scot/pvg-scheme/>

As per the UKVI immigration rules, this role may be eligible for sponsorship under the Skilled Worker route. Sponsorship under this route is dependent on factors specific to the applicant and if tradeable points can be used under the rules.

JOB DESCRIPTION

RESPONSIBLE TO: Dean of School

RESPONSIBLE FOR: No supervisory responsibilities

PURPOSE OF POST: Delivery of taught provision and contribution to applicable research.

PRINCIPAL DUTIES:

Contribute to the delivery of undergraduate and postgraduate teaching as directed by the Dean of School. In particular:

- Develop and deliver high-quality educational content
- Devise and deliver assessments and examinations as required
- Participate in subject and course development.
- Participate in curriculum development and, in particular, contribute to the introduction of new methods of teaching and learning.
- Provides tutorial and personal guidance for students.
- Supervises undergraduate and postgraduate projects.

Undertake research activity contributing to one or more of the identified research areas. In particular:

- Apply for and obtain external research funding
- Publish high-quality research outputs that contribute to the research impact of the School
- Actively pursues and/or encourages research activities (eg developing own research, supervising research students, presenting at conferences and seminars etc).
- Contribute to the School research strategy and research groups

Contribute to recruitment, promotion and outreach delivery as directed by the Dean of School. In particular:

- Outreach workshop development and delivery of STEM events and promotion
- Contribute to university open days.
- Establishes and maintains relevant professional and industrial links, as necessary.

Undertake administrative duties as directed by the Dean of School.

Candidates with limited/no lecturing experience can still be considered but will work to the Developing Academic. Full details of both roles can be found in the attached PDF.

PERSON SPECIFICATION

ESSENTIAL REQUIREMENTS

Qualifications and Professional Memberships

PhD (or close to completion) in Computing, Business Analytics, Data Science or closely related field

Knowledge

Strong knowledge and understanding of Data Science and Analytics.

Experience

Funding or publication success appropriate to early career staff (Grade 7) or established researcher (Grade 8)

Understanding of the discipline of Business and Data Analytics through either practice-based or academic teaching/research experience

DESIRABLE REQUIRMENTS

Qualifications and Professional Memberships

Recognised teaching qualification

Knowledge

Strong knowledge and understanding of Data Science and Analytics with a focus on healthcare analytics.

Knowledge of professional body requirements, codes of conduct and industry practices.

Knowledge of higher education practices and procedures.

Knowledge and demonstratable use of novel and engaging teaching methods and practices.

Experience

Experience of course or module development at HE level.

Experience of quality assurance processes including moderation and peer review.

Experience of developing outreach and recruitment activities. Particularly addressing gender imbalance in the field.

Evidence sustainable research activity.

Experience and demonstratable funding in industrial focused research or other research engagement

Behaviours

Behaviour 1: Communication - Ability to receive, understand and convey information requiring careful explanation and information of a complex or conceptual nature, in a clear and accurate manner.

Behaviour 2: Teaching and Learning Support - Experience of providing standard information or delivering teaching or training, designing content or learning materials within existing frameworks and developing innovative approaches to learning experience and the curriculum.

Behaviour 3: Service Delivery - Experience of exploring and adapting a service to meet customers' expectations and also identifying ways of improving standards.

Behaviour 4: Liaison and Networking - Experience of circulating information in an accurate and timely manner, working across team boundaries to build and strengthen working relationships, leading and developing internal networks to pursue a shared interest and leading and building external networks to enhance the work of the organisation.

Behaviour 5: Decision Making - Experience of using own judgement to make decisions, making collaborative decisions with others to reach conclusions and providing advice or information that will influence the decisions of others.

Behaviour 6: Analysis and Research - Experience of identifying or designing data gathering and analytical methods appropriate for each investigation, and producing reports that identify key issues and findings.

Salary: 39555.00 - 55755.00 GBP per Year

Position Type: Full Time , Permanent 35.0 Hours per Week