UNIVERSITY OF WARWICK

Job Description

Job Title	Assistant Professor in Data & Cloud Analytics (Teaching Focussed)
Department	WMG
Grade	7

Job purpose (a brief summary of the role)	To undertake high quality teaching within WMG, including the design, delivery and enhancement of modules and courses across undergraduate and postgraduate (including degree apprenticeship) provision. To supervise projects and lead modules in Data Engineering and Cloud Analytics field, to develop and enhance the reputation of teaching and learning at WMG, both internally and externally, and to develop your own profile as a subject matter expert in this field through being active in scholarship, outreach activities, and involvement in national/international education networks.
Duties and responsibilities	**Teaching and Learning Support** **1.** To have academic ownership for modules, design teaching materials and deliver Data Engineering and Cloud Analytics education/ teaching across a range of modules. **2.** To use appropriate teaching, learning support and assessment methods. **3.** To supervise undergraduate and postgraduate student projects as appropriate. **4.** To identify areas where current provision is in need of revision and contribute to continuous improvement of Data Engineering and Cloud Analytics teaching and learning. **5.** To contribute to the planning, design and development of objectives and resources. **6.** To set, mark and assess work and examinations and provide timely and worthwhile feedback to students. **7.** To be able to differentiate tasks set for different ability levels using the appropriate learning materials. **8.** Where required act as the leader of an element of study (such as a course, module, programme, etc). **9.** To challenge thinking, foster debate and develop the ability of students to engage in critical discourse and rational thinking. **10.** To act as a personal tutor and where necessary be responsible for the pastoral care of students within a specified area. **Research and Scholarship** **1.** To engage in and apply subject, professional, pedagogic and practitioner research or other scholarly activities; to extend, transform and apply knowledge acquired from scholarship to teaching; to share excellent practice within the teaching team. **2.** Where appropriate conduct individual or collaborative scholarly projects, including through supervision of research degree students. **3.** To develop and produce learning materials and disseminate the results of scholarly activity. **Administration and Other Activities** **1.** To participate in and develop internal and external networks, for example contributing to student recruitment, outreach work and participation in professional bodies to build relationships for future activities.

	2. To undertake specific departmental roles as may be required. **3.** To engage and attend departmental meetings and to participate, as appropriate, in other committees and working groups within the department, the faculty and the University. **4.** To participate in relevant professional activities, for example non-teaching CPD. **5.** Ensure compliance with health and safety in all aspects of work and, where appropriate, undertake risk assessments.

Person Specification

The Person Specification focuses on the essential and desirable knowledge, skills, experience and qualifications required to undertake the role effectively. This is measured by (a) Application Form, (b) Test/Exercise, (c) Interview, (d) Presentation.

Essential Criterion No.	Essential Criterion Description	Measured by
E1	Good degree and a Doctorate or postgraduate qualification and equivalent professional experience in a relevant discipline.	A
E2	A developing academic or professional track record in the field of Data Engineering and Cloud Analytics.	A,C & D
E3	Possession of FHEA accreditation and/or an equivalent teaching qualification or a willingness to achieve when in post.	A & C
E4	Proven experience of small group teaching and/or project supervision in a Higher Education or professional context.	A & C
E5	Ability to use a range of techniques to adapt to the needs of the learners and familiarity with strategies to promote learning.	A,C & D
E6	Demonstrate an awareness of diversity and equal opportunities, and how they may impact on teaching.	A & C
E7	Ability and willingness to contribute positively in a collegial team environment, and also progress work independently.	A & C
E8	Demonstrate strong communication and interpersonal skills; both with peers and students.	C & D
E9	Engaged in continuous professional development.	A & C

Desirable Criterion No.	Desirable Criterion Description	*Measured by*
D1	Experience of scholarly activity in the field of expertise, as evidenced by journal papers and/or other outputs.	A & C
D2	Experience of teaching and learning administration.	A & C
D3	Professional recognition through an appropriate membership body ***or*** evidence of equivalent professional standing.	A