

## Assistant or Associate Professor (*Teaching & Scholarship*) in Data Science

### Position Overview

<b>Discipline</b>	Data & AI
<b>Faculty</b>	Computing, Mathematics, Engineering & Natural Sciences (CoMENS)
<b>Location</b>	London, Devon House (St Katherines Dock)
<b>Term</b>	Full-time, permanent
<b>Salary Range</b>	£47,321 to £54,827, progressing to £58,155 once in post, for assistant professor; £56,467 to £69,404, progressing to £75,833 once in post, for associate professor
<b>Direct Reports</b>	
<b>Reports to</b>	
<b>Benefits</b>	The university supports staff maintaining a good work/life balance, offer flexible working and parental leave opportunities, an Employee Assistance Programme which provides free, confidential advice on both home and work concerns as well as optional private medical insurance, season ticket loans and being part of the cycle to work scheme.
<b>Start</b>	August 2024

### The Role

Northeastern University London invites applications for an *Assistant or Associate Professor in Data Science*. The appointee will be teaching undergraduate and postgraduate students and provide service to the discipline in line with the evolving needs and aspirations of the Faculty and University. Appointments will be commensurate with experience and qualifications reflecting a record of demonstrated teaching and service excellence.

Core duties will include development and provision of innovative and inclusive teaching in relevant areas of Data Science at undergraduate and postgraduate levels (e.g., Introductory, Intermediate and Advanced Programming with Data; Foundations of Data Science; Data Engineering; Human Computer Interaction; Information Visualisation; and Machine Learning); and professional service commensurate to career stage. Preference may be given to candidates with active interests in the relationship of Data Science to one or more of the following areas: financial technologies, data-driven humanities and social sciences,

cognitive science, information visualisation, machine learning, and applied engineering.

Candidates will be considered across all areas of Data Science. We are especially seeking exceptional educators whose teaching contributes to **fundamental** undergraduate and postgraduate courses in Data Science (namely, data models, data analytics, and machine learning). Opportunities for disciplinary and interdisciplinary teaching and scholarship abound: the Faculty's grounding in *humanics* brings together computing, engineering and natural sciences with humanities based on ground-breaking research and research-oriented teaching practices. While this position is primarily focused on *Teaching & Scholarship*, we are supportive of candidates whose research demonstrably contributes to the Faculty's priority areas (namely, next-generation software, foundations of AI, and human-centred AI).

We particularly encourage applications from those with an interest in innovative teaching, learning and assessment; those with experience of supporting a wide variety of students; and those belonging to groups underrepresented in UK higher education. We are open to appointing on a reduced fraction/job-share basis subject to our business needs.

### **About the Faculty**

The recently formed Faculty of Computing, Mathematics, Engineering, and Natural Sciences (CoMENS) is undergoing significant growth at Northeastern University London. It is home to four interdisciplinary undergraduate dual-degree (in UK and US) programmes in the areas of Data Science, Data Science and Politics, Computer Science and Business, and Computer Science and Philosophy; four postgraduate programs in the areas of AI Ethics, Data Science, Computer Science, and Technology Leadership; and five degree apprenticeship programmes in the areas of AI, Data Science, Digital and Technology Solutions, and Biosciences.

The Faculty plays a major part in Northeastern University's first-year student mobility program, offering undergraduate courses in Computer and Data Science, Mathematics, Engineering, Physics, Biology, Chemistry and Healthcare, striving to inspire and equip entering students to be outstanding scientists.

### **About the University**

Founded in 2012, Northeastern University London (formerly known as New College of the Humanities) has established itself as a prestigious higher education institution based in the heart of London. Northeastern University London is part of Northeastern University's Global Campus Network. Positioned as top ranking in the USA, Northeastern has campuses in Arlington, Boston, Charlotte, Miami, Oakland, San Jose, and Seattle in the USA, and Toronto and Vancouver in Canada.

After becoming part of Northeastern University's global network in early 2019, the University has undergone a period of rapid growth, having been granted Taught Degree Awarding Powers in February 2020 and moved to a new, state-of-the-art campus in 2021.

Northeastern University London offers a vibrant, collegiate community delivering broad and academically rigorous degree programmes, designed to equip graduates with the combination of skills and knowledge that are increasingly desired by organisations, employers, and society. It offers state of the art audio visual technology in its teaching and meeting spaces across the organisation.

### **Person Specification Criteria**

To undertake this role, the following should apply—should you not have the experience below, please do highlight where transferable skills would assist with you undertaking the role. Unless specified, all criteria are considered **essential**.

#### ***Qualifications***

For assistant professor:

- PhD completed, or near completion (all but dissertation), or equivalent professional experience, in a relevant area.
- FHEA status, or equivalent, achieved or expected (desirable)

For associate professor:

- PhD completed, or equivalent professional experience, in a relevant area.
- FHEA status, or equivalent, achieved or expected.

#### ***Key Criteria***

For assistant professor:

- Demonstrates, through evidence, excellent ability to be adaptable, innovative, and inclusive in the role as advertised with regards to teaching and service

For associate professor:

- Demonstrates, through evidence, excellent intellectual and practical leadership to be adaptable, innovative, and inclusive in teaching and service.
- Willingness and capacity to undertake academic leadership tasks, including line management and leadership of strategic projects, as well as continuous professional development for such purposes.

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- Willingness and capacity to engage and develop working relationships with external partners and with colleagues across diverse disciplines in Northeastern University London and across the Northeastern University global network, as well as undertake continuous professional development for such purposes.

For both:

- Willingness and capacity to undertake continuous professional development in relation to institutionally strategic themes, including but not limited to technology, data, sustainability, and ethics.
- Ability to develop excellent educational provision in areas with significant appeal to students, including at postgraduate level, and with a focus on experiential learning.
- Flexibility and capacity to teach across a wide range of courses, where appropriate in collaboration with specialists from other disciplines
- Teaching competency in *Data Science* to Levels 4–7 (i.e., all undergraduate and postgraduate levels)
- Excellent written and verbal interpersonal and communication skills including presentation skills, both face-to-face and online
- Excellent IT skills and evidence of supporting the integration of technologies into learning and teaching.
- Excellent time-management and organisational skills

### **Additional Information**

#### ***Enquiries***

Role specific enquiries may be made to Dr Ioannis Kypraios, Head of Data & AI ([ioannis.kypraios@nulondon.ac.uk](mailto:ioannis.kypraios@nulondon.ac.uk)) and Dr Alexandros Koliouisis, Faculty Director ([alexandros.koliouisis@nulondon.ac.uk](mailto:alexandros.koliouisis@nulondon.ac.uk)). However, all applications must be made in accordance with the application process specified.

General enquiries to [jobs@nulondon.ac.uk](mailto:jobs@nulondon.ac.uk)

#### ***Application Process***

Applications should be made via [this link](#) by 23:59 on **Sunday 17<sup>th</sup> March 2024**. Please reference your application “**AAPDS0224**”.

Participation in the equal opportunities section is encouraged, but voluntary.

Applications must include a full curriculum vitae, a cover letter that sets out concisely and in ways relevant to this role how the applicant meets the person specification criteria, and a teaching statement (1 page maximum).

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Interviews are likely to take place between 15 and 30 April 2024.

Please note this role may require a basic or enhanced DBS check. Our organisation acknowledges the duty of care to safeguard, protect and promote the welfare of our students and staff, and is committed to ensuring safeguarding practice reflects statutory responsibilities, government guidance and complies with best practice and Ofsted requirements. You must adhere to the above if you are offered a role with NU London.

Applications are welcome from all sections of the community and will be judged on merit alone. We welcome applications from underrepresented groups. Candidates must be able to demonstrate their eligibility to work in the UK in accordance with the Immigration, Asylum and Nationality Act 2006.

**Job sponsorship.** Visa sponsorship may be available for a successful candidate for this position.