

Assistant Professor in Applied Data Science (all genders) Full-time (40 h/w) in Vienna, Austria

Modul University Vienna (MU) is seeking an outstanding scholar to teach, raise external funding and conduct research in the area of Applied Data Science with a special focus on Machine Learning and Data Mining. The candidate should have a track record in one or more of the following areas: Machine learning, data mining, natural language processing, intelligent systems, or recommendation systems. Additional experience in areas such as computational statistics, analysis of the large-scale data, and analysis of data generated in online systems, as well as, industry experience in one or more of these areas are highly appreciated. Furthermore, strong methodological background and analytical skills are desirable.

Responsibilities

The position is located within the School of Applied Data Science and it is designed to play a leading role in advancing the applied data science study program within the university through innovative, high-quality research and effective teaching. Applicants should be willing to take a leadership role in developing the School's profile through original research and knowledge transfer activities in the area of analysis of large-scale customer and user engagement (e.g., in the form of event streams) in online systems. The successful candidate will be expected to complement and extend the current strengths of the University and the School. For an overview of the current academic community of Professors at Modul University Vienna and their research activities, see [Faculty and Staff | Modul University Vienna](#).

The successful candidate will teach courses in undergraduate, graduate and post-graduate programs offered by Modul University Vienna. The teaching load for this position is 5 units/week per semester (1 unit = 45 minutes of teaching). The new colleague will be expected to further develop her/his research agenda in the general area of machine learning and data mining, and in particular event stream mining.

Desired skills and essential qualifications

Preference will be given to candidates who are recognized scholars with a record of excellence in research and teaching, possess a comprehensive understanding of widely used concepts and methodology of selected topics in the areas of big data analytics and analysis of Web-scale data, and have a demonstrated ability to work effectively in interdisciplinary research projects with university and department colleagues.

The successful candidate is expected to have outstanding qualifications:

- Doctorate in computer science, data science, business informatics, statistics, or related fields;
- Evidence of research potential;
- Commitment to high quality teaching;
- Ability to teach courses in the fields of programming, fundamentals of computer science, databases, data mining, computational statistics, and/or related areas;

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The university campus is located on Kahlenberg, a scenic hill with a spectacular view of the capital of Austria. Since 2007, Modul University Vienna offers cutting edge research and education in the areas of international management, data science, new media technology, public governance, sustainable development, and tourism and hospitality management.


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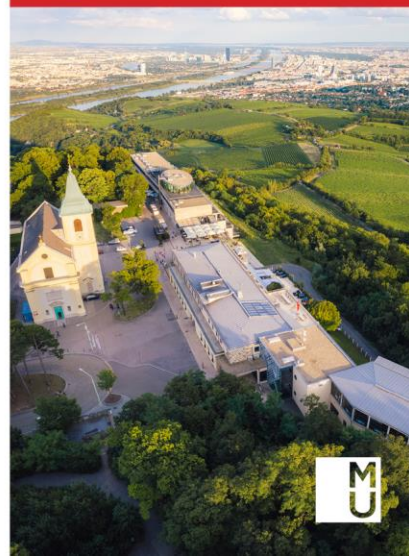
 Working with scientific experts

 Cutting edge research projects

 International and dynamic team

 Individual personal and professional development

 Interdisciplinary working environment



- Ability to attract external funding to support research programs and to successfully build collaborative research programs with other universities, research institutes and industry;
- Leadership skills to further develop the area of digital services at MU;
- Excellent spoken and written English language skills, proficiency in German language is not required but welcome.

Remuneration

This is a **five-years** fixed term, full-time position with **40** working hours per week. The initial annual gross salary is EUR 55,000 before taxes (plus approx. 30% Arbeitgeberanteil = contribution to the social security and pension fund paid by the employer according to Austrian Law). The University offers opportunities for additional remuneration for extra teaching and outstanding scholarships.

Contact and Application

The position remains open until filled. The review of applications will commence immediately after announcement. The expected starting date is September 2023. Please send your complete application including **cover letter**, an **extended curriculum vitae**, and a **letter of interest with a brief explanation how the candidate's research profile would complement current research at Modul University Vienna** stating the reference "APADS23" to positions@modul.ac.at (in English; preferably as a single PDF file not exceeding 8 MB).

For questions related to these positions please contact the Head of School of Applied Data Science, Professor Denis Helic (denis.helic@modul.ac.at). Additional information about MU's current research programs can be found at [Faculty Publications | Modul University Vienna](#).

Modul University Vienna is an equal opportunity employer with a strong commitment to equality and diversity that does not discriminate on the basis of, among other factors, age, color, disability, ethnicity, gender or gender expression, national origin, race, sexual orientation, or social class. We especially encourage women and people who belong minority groups to apply and welcome all applications that can contribute to a diverse working culture.

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