

Professor of AI and Data Analytics in Business

Company:

Tallinn University of Technology

Location:

Estonia / Tallinn

Discipline:

AI and Data Analytics in Business

Employment Type:

Permanent Full-time

Posted:

05/02/2025

Contact Person:

If you wish to apply for this position, please specify that you saw it on AKADEUS.

PROFESSOR OF AI AND DATA ANALYTICS IN BUSINESS (TENURED OR TENURE TRACK)

Workload: **Full-time** (40 hours/week)

Contract Type: **Permanent**

Start Date: **01.01.2026**

Application Deadline: **05.04.2025**

JOB DESCRIPTION

We are seeking a visionary professor to lead and advance our research and development efforts in combining AI, data analytics, and business. This role is pivotal in addressing current technological and societal changes affecting business. We are looking for a candidate who will actively contribute to both contemporary and future-oriented business development, with a strong emphasis on the digital and data era.

KEY RESPONSIBILITIES:

Lead Innovative Research and Teaching: Drive research and teaching initiatives focused on

reshaping business models, creating value, and influencing strategic decision-making guided by AI and data analytics. Emphasize digital transformation and ethical considerations. Explore and demonstrate the application of AI and data analytics in business, such as predicting economic trends, shaping business models, enhancing supply chain efficiency, and implementing real-time scenario modelling. Align with TalTech's goals to promote digitalization and sustainability in business practices. The candidate is also expected to teach and supervise (or co-supervise) at all levels and mentor early-stage researchers.

Collaborate and Innovate: Develop a research agenda and grant application stream that leverages the strengths of the existing team and aligns with future trends. The professor is expected to lead the research in its field in the department, including attracting funding from national and international sources and through that attract new PhD students and grow the research team and contribute to teaching development in its field. Continuously work on the expansion of national and international networks involving both academics and practitioners.

IDEAL CANDIDATE PROFILE:

- Expertise in AI and Data Analytics and Business research: Demonstrated ability to apply these technologies in business research and teaching contexts.
- Visionary Leadership: Proven track record of leading innovative research projects.
- Collaborative Spirit: Strong commitment to interdisciplinary collaboration and international partnerships.
- Educational Excellence: Passion for teaching and mentoring at all academic levels.

The position may be filled as tenured associate professor or full professor, depending on the candidate's merits and career stage. The appointee will be required to conduct research in the field and collaborate with other research teams in the department as well as both nationally and internationally, stimulate research activities at TalTech.

For more detailed information on the position, please contact Marit Laos, Assistant to the Head of the Department of Business Administration marit.laos@taltech.ee.

EDUCATION

PhD (or an equivalent) degree in a relevant field.

PROFESSIONAL EXPERIENCE

- Multi-disciplinary educational background combining business, IT etc knowledge;
- Postdoctoral or other international work experience in areas related to the described research;
- A strong publication record that proves the ability for high-quality and relevant research in business, innovation, AI, data analytics, digitalisation, or related fields;
- Proven ability to obtain research funding from national as well as international sources;
- Experience in leading research groups and coordination of research activities;
- Experience in teaching and supervising at all levels (BSc, MSc and PhD level; executive

trainings);

- Successful supervision or co-supervision of one or more doctoral theses;
- Active participation in relevant international networks;
- Strong interpersonal skills and ability to work independently;
- Fluent written and oral communication skills in English;
- Business experience is preferred.

LANGUAGE SKILLS

Advanced English

THE DOCUMENTS REQUIRED FOR APPLYING

To apply for the position, please send the following documents in English by 05.04.2025 (the application deadline) at the latest by clicking the [application link](#):

- A motivation letter.
- Documents proving that the candidate holds the required academic degree (PhD or an equivalent qualification) and has acquired the required education.
- A curriculum vitae and a list of publications.
- An academic portfolio: a free format evaluation of the academic activity undertaken so far (including a description of teaching, supervising and research project experiences) and the competencies required for work detailing how the candidate meets the qualifications of the position (shall be submitted by an external candidate only) or a motivated self-evaluation regarding compliance with the [requirements](#) for the tenured professor position set out in the Academic Career Management Regulation, Annex 3 "[Academic Evaluation Matrix](#)" (shall be submitted by a university staff member only).
- A vision or an action plan for the following period of employment (the maximum total length: 1,500 words).
- Any other documents deemed important by the applicant.

ADDITIONAL INFORMATION

TalTech is an international community with 9,000 students and 1,800 employees, making it one of Estonia's largest universities and a leader in EU digitalisation. The university boasts multidisciplinary research, a modern environment, and strong international collaboration. Its green, compact campus includes the Tehnopol Science Park and the Mektory Innovation Center, which supports research funding and business expertise. TalTech values low hierarchy, academic freedom, and work-life balance, offering development opportunities, recognitions, and recreational activities, including a sports club and all-staff events. TalTech as an employer brings together representatives from a wide range of disciplines – engineers and economists, business and biotechnology, and data scientists – with a common mission to develop Estonian higher education and research. Keywords that characterise TalTech today are rapid development, interdisciplinarity, and internationalisation. The university has an international working environment, and the working

languages are English and Estonian.

TalTech School of Business and Governance (SBG) offers interdisciplinary education in economics, international business management, and law, fostering innovation in a diverse community with 18% international students from 60 countries. Influential alumni in Estonian politics and business reflect our commitment to quality education. The faculty includes globally recognized researchers and practitioners, with nearly 30% having an international background. SBG, with over 200 employees, conducts research on modern business aspects—entrepreneurship, technology transfer, strategic management, marketing, supply chain, accounting, digitalisation, sustainability, and more—focusing on individual and organizational performance. Our department is known for its strong team spirit and engaging events., large scale teaching in all levels and growing research activities. In the international ranking of Times Higher Education, TalTech's School of Business and Governance has climbed a hundred places in the last year and is now ranked 301-400 among the world's best in business and economics.

The Department of Business Administration, with over 100 employees, conducts research on modern business aspects—entrepreneurship, technology transfer, strategic management, marketing, supply chain, accounting, digitalisation, sustainability, and more—focusing on individual, organizational performance. Our department is known for its strong team spirit, large-scale teaching in all levels, growing research activities, international staff and engaging events. The department's professors are recognised internationally for their scholarly contributions, with representation in prestigious researcher rankings.

The department's web page: <https://taltech.ee/en/department-business-administration>

Address: Estonia, Harjumaa, Tallinn, Akadeemia tee 3

WHY PREFER WORKING AT TALTECH

- A dynamic, modern and international work environment.
- Flexible working hours with occasional remote work by agreement with the head of the department, main location in Tallinn.
- Opportunities for personal and professional development.
- A wide network for multidisciplinary cooperation.
- Initial research funding (starting grant), with an expectation to secure additional research grants. Support structures for research are available within the department and university.
- Access to relevant infrastructure.
- Competitive salary depending on the candidate's qualification and performance.

Contact Person:

If you wish to apply for this position, please specify that you saw it on AKADEUS.