

Assistant/Associate Professorship in Machine Learning	Assistant/Associate Professorships in Data Science
<p>The IT University of Copenhagen invites applicants for an assistant/associate professorship in machine learning.</p> <p>Candidates should complement ITU's existing expertise within machine learning and contribute to teaching our new data science program. Applicants with expertise in foundational aspects of machine learning are particularly encouraged to apply.</p> <p>Possible areas of expertise include:</p> <ul style="list-style-type: none"> • Statistical or computational learning theory • Bayesian approaches to modelling and inference • Neural networks/deep learning • Algorithms for scalable machine learning • Applied machine learning (natural language processing, bioinformatics, image analysis, neuroscience, recommendation and search, etc.) <p>The ideal candidate will have a strong track record within a relevant subfield of machine learning, and should be able to show:</p> <ul style="list-style-type: none"> • Publications of research at a high international level in well-respected peer reviewed venues • Documentation for having conducted undergraduate and/or graduate level teaching that is well received by students • Experience with supervising students at the undergraduate and/or graduate level • A record of contributing to the goals of the institutions in which he/she has worked, for example participation in committees, etc. <p>Job description</p> <p>Candidates will be expected to:</p> <ul style="list-style-type: none"> • Teach and supervise students in topics relevant for data science, with special emphasis on research-based teaching • Engage with external partners to attract external research funding (associate professor level) 	<p>The IT University of Copenhagen invites applicants for one or more assistant/associate professorships in data science.</p> <p>Candidates should extend ITU's existing expertise within technical aspects of data science (e.g. algorithms, machine learning, knowledge discovery, big data management) and contribute to teaching our new data science program. Applicants should be motivated by the interplay of theory and practice (i.e., motivated by problems of practical interest, while seeking to make use of theoretical insight). Those applicants with expertise in complex networks and/or applied machine learning are particularly encouraged to apply.</p> <p>Possible areas of expertise include:</p> <ul style="list-style-type: none"> • Social network analysis (complex networks) • Database management and large scale data analysis • Applied machine learning (natural language processing, bioinformatics, image analysis, neuroscience, recommendation and search, etc.) • Computational statistics • Knowledge discovery <p>The ideal candidate will have a strong track record within a field relevant for data science, and should be able to show:</p> <ul style="list-style-type: none"> • Publications of research at a high international level in well-respected peer reviewed venues • Documentation for having conducted undergraduate and/or graduate level teaching that is well received by students • Experience with supervising students at the undergraduate and/or graduate level • A record of contributing to the goals of the institutions in which he/she has worked, for example participation in committees, etc. <p>Job description</p> <p>Candidates will be expected to:</p> <ul style="list-style-type: none"> • Teach and supervise students in topics relevant for data science, with

- Be able and prepared to supervise PhD students (associate professor level)
- Be able, or willing to learn, to read and speak a Scandinavian language (associate professor level)

The proposed starting date is fall 2017 or soon thereafter.

special emphasis on research-based teaching

- Engage with external partners to attract external research funding (associate professor level)
- Be able and prepared to supervise PhD students (associate professor level)
- Be able, or willing to learn, to read and speak a Scandinavian language (associate professor level)

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