



We are Austria's largest Research and Technology Organisation and an international player in the research areas that we cover. This makes us a leading development partner for industry and a top employer in the scientific community. Applications are invited for a:

## PhD Thesis in the field of Predictive Modelling in Healthcare

Our Team develops advanced decision support systems and predictive modelling solutions for health & care providers. Within our national and international projects, we collect and manage data from a variety of sources (hospital information systems, Electronic Health/Medical Records, telehealth & care applications, sensor networks, etc.) in order to develop predictive models and prevention strategies for individual patients.

### Description

- Contribute to the continuous development of our predictive modelling framework
- Organize and manage heterogeneous data pools
- Apply feature engineering and machine learning algorithms
- Cooperate with leading partners in national and international research projects
- Develop and evaluate novel approaches to be integrated into existing decision support and business intelligence solutions
- Publish results at international conferences and in international journals

### Candidate profile

- Master degree from a technical university or university for applied sciences
- Basis data science skills (machine learning, data management, statistics)
- Basic domain expert know-how regarding the healthcare system
- Experience in software development (e.g. Matlab, Java, JavaScript, Python etc.)
- Very good knowledge of either German and English fluent in spoken and written

Please submit your application documents, including certificates, to  
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