# **JOIN US!**

## ...TO CREATE INNOVATION

The DSC brings together scientists from all faculties of the University of Bremen to initiate **scientific cooperation** and promote the development of **novel research questions** related to data science.

The DSC addresses

- Scientists conducting basic research at the interface of mathematics/statistics and computer science, as well as
- Researchers using data science methods such as machine learning in application-driven research.

The DSC welcomes university professors, senior researchers, as well as young researchers such as postdocs and doctoral candidates from all disciplines to join our network and promote data-driven research at the University of Bremen.

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Do you share our vision and would you like to **shape the future of data science** at the University of Bremen?

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Would you like to **network with experts** from diverse disciplines and swap ideas on data science?

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Are you interested in implementing **data science methods** in your research, advancing existing algorithms or transferring them to new application domains?

GET IN TOUCH WITH US AND LET US MAKE A DIFFERENCE TOGETHER!

dsc-ub@uni-bremen.de | www.dsc-ub.de





## DATA SCIENCE CENTER

University of Bremen Mehrzweckhochhaus (MZH) Level 4 Bibliothekstraße 5 28359 Bremen

Phone: +49 (421) 218 - 63941 Email: dsc-ub@uni-bremen.de

## YOUR CONTACT PERSONS



Prof. Dr. Rolf Drechsler Spokesperson drechsler@uni-bremen.de



Dr. Lena Steinmann Coordinator lena.steinmann@uni-bremen.de

# DATA SCIENCE CENTER

BREMEN | GERMANY

# WELCOME TO THE DATA SCIENCE CENTER

The Data Science Center (DSC) was founded in October 2019 as an interdisciplinary institute to foster and advance data science at the University of Bremen. The DSC brings together domain specialists from various fields such as natural, economic, life or social sciences and methodological experts from mathematics/statistics and computer science to enable interdisciplinary collaboration and the development of innovative research fields. Moreover, the DSC aims at improving the visibility and reputation of data-driven research across all disciplines and to strengthen the role of data science at the University of Bremen.

The DSC is built on the three pillars **research**, **qualification** and **services**, with close **interdisciplinary collaboration** across all faculties of the University of Bremen serving as foundation.

#### **DATA SCIENCE CENTER**



The DSC acts as hub for data-driven research and promotes across-faculty cooperation.



# QUALIFICATION

The DSC supports
the development
of (advanced) training
programs to
strengthen data
science skills.



## **SERVICES**

The DSC offers methodological and technological support for the implementation of data science projects.

Interdisciplinary collaboration

## **OUR VISION**

To position the University of Bremen as a pioneer and leader in the field of data science in order to foster the impactful use of data for the benefit of society.

## **OUR MISSION**

To promote excellent research, education, and interdisciplinary collaboration in the field of data science, to explore new academic and non-academic application domains, and to foster data science outside academia.



# **OUR GOALS**

#### **NETWORKING**

Establishing a universitywide scientific network to promote cross-disciplinary collaboration in the field of data science.

#### TECHNOLOGICAL PROGRESS

Supporting basic data science research and the development of cutting-edge technologies.

### INTERDISCIPLINARITY

Linking application-driven disciplines with methodological expertise to transfer data science into new academic and non-academic contexts.

#### EARLY CAREER SUPPORT

Developing and advancing the education program to train the new generation of data scientists.

#### SKILLS DEVELOPMENT

Strengthening the data science competencies of the University Bremen in research, education, and application across all domains.

### **TRANSFER**

Translating data science knowledge and technologies into the society and economy.

