

German Data Science Days 2024

Data, the new gold of the digital era, Deep Learning, and AI are some of the currently prominent buzzwords. Data science, the science and methodology of extracting information and knowledge from data, plays a major role in science, industry, and business, and close collaboration between all parties involved is necessary. The German Data Science Days (GDSD) provide the ideal platform for such collaboration: We bring together data scientists from various fields and create a forum for users and experts with the aim to identify and discuss new methods, explore new fields of application, and enhance the professional image of data scientists.

The German Data Science Days are organised by the **elite master program Data Science at LMU Munich** in cooperation with the **German Data Science Society (GDS) e.V.**

Save the date: GDSD 2025
27|02 - 28|02|2025

contact

Dr. Constanze H. Schmaling
t. +49 (0)89 2180 2220
constanze.schmaling@stat.uni-muenchen.de

Ludwig-Maximilians-Universität München
Institut für Statistik | Ludwigstr. 33 | 80539 München

Grafik-Design: www.rebecca-massmann.de

PREDICTIVE ANALYSIS ARTIFICIAL INTELLIGENCE BIG DATA
MACHINE LEARNING DATA SECURITY DEEP LEARNING
DATA MINING DATA ETHICS STATISTICS PREDICTIVE
ANALYSIS ARTIFICIAL INTELLIGENCE BIG DATA MACHINE
LEARNING DATA SECURITY DEEP LEARNING DATA
MINING DATA ETHICS STATISTICS PREDICTIVE ANALYSIS

GERMAN DATA SCIENCE DAYS

2024



www.datasciencedays.de

DataScience@LMU

Fakultät für Mathematik, Informatik und Statistik
Ludwig-Maximilians-Universität München
Ludwigstr. 33 | 80539 München
www.datascience-munich.de

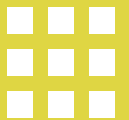


LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

FAKULTÄT FÜR MATHEMATIK,
INFORMATIK UND STATISTIK

GERMAN DATA SCIENCE DAYS

2024



07|03 - 08|03|2024

LMU München.

Main building. Große Aula.

Geschwister-Scholl-Platz 1 | 80539 München

 **DATA**
 **SCIENCE@LMU**
 **STATISTICS + INFORMATICS**

07|03|2024

08:30 - 10:00 Registration

10:00 - 10:15 Welcome

10:15 - 11:45 Session 1

Data Science in Finance and Insurance

- **Alexander Haag, ERGO:** “Navigating the fusion of AI generations in the insurance industry with ERGO’s AI Factory”
- **Konstantin Rink, Scalable Capital:** “Optimizing ad campaigns by forecasting customer lifetime value”
- **Dr. Alexander Vosseler / Wei Ding, Allianz Versicherungs-AG:** “Transforming Data Science in Allianz: Harnessing (Large) Language Models for enhanced use cases”

11:45 - 12:15 Coffee break

12:15 - 13:15 Session 2

Data Science in Health Care and Chemistry

- **Jasmin Weimüller / Dr. Christoph Weisser, BASF:** “How is BASF enabling its workforce to use generative AI & Co - Use cases and enablement”
- **Prof. Dr. Johan Trygg, Sartorius:** “How generative AI can revolutionize therapy development”

13:15 - 14:30 Lunch break

14:30 - 16:00 Session 3

Data Science in Research and Education

- **Dr. Sebastian Wichert, ifo:** “Economic Data Science”
- **Prof. Dr. Florian Stahl, Universität Mannheim:** “The BERD data marketplace: A platform connecting companies, universities and research institutions and fostering the collaboration in research and innovation”
- **Prof. Dr. Adalbert Wilhelm, Constructor University:** “To R or to Python? Is this the question?”

16:00 - 16:30 Coffee break

16:30 - 18:00 Session 4

Data Science in Digital Cities

- **Dr. Christian Nagel, IT-Referat Landeshauptstadt München:** “Smart City München: Wie Künstliche Intelligenz die Stadt noch smarter macht”
- **Michael Herter, infas 360:** “Data Science für Städte und Kommunen”
- **Dr. Michael Klimke / Andreas Preißer, Bayerische KI-Agentur:** “Der Freistaat Bayern entwickelt seine KI-Landschaft”

08|03|2024

09:00 - 10:00 Session 5

Data Security and Data Ethics

- **Lucia Karch / Patrick Zimmermann, Alexander Thamm GmbH:** “Der AI-Act in der Praxis”
- **Prof. Dr. Regina Ammicht Quinn, IZEW Universität Tübingen:** “Data ethics and some gender(ed) ideas”

10:00 - 10:30 Coffee break

10:30 - 11:30 Session 6

Data Science in Mobility

- **Hannah Richta / Torsten Deutsch, Deutsche Bahn:** “KI in der Disposition für eine modernere Bahn”
- **Prof. Dr. Stefanie Schmitdner, Technische Hochschule Ingolstadt:** “Traffic management at intersections using reinforcement learning and connected vehicles”

11:30 - 12:45 Lunch break

12:45 - 14:15 Session 7

Data Science in Climate Science and Sustainability

- **Vincent Eichel / Thilo Quack, FORRS:** “Navigating volatile energy markets through data-driven automation and machine learning”
- **Wiebke Brömme / Andreas Kottmann, Konsortium Catena-X (BMW AG):** “Catena-X: The first open and collaborative data ecosystem”
- **Prof. Dr. Ralf Ludwig, LMU München:** “Assessing the dynamics of extreme events under climate change – Big data applications in climate science”

14:15 - 14:45 Coffee break

14:45 - 16:15 Session 8

Data Science in the Media

- **Steffen Kühne, BR AI and Automation Lab:** “Data journalism is data science for newsrooms and more important than ever”
- **Christian Endt, Die ZEIT:** “All that counts – How data journalism can improve the news”
- **Karin Immenroth, RTL:** “Mit KI in die datengetriebene Zukunft von RTL Deutschland”

16:15 - 16:30 Wrapup