

DATAFEST MUNICH 2025

HACKATHON



LMU



DataFest Germany 2025

LMU Munich

March 28-30, 2025



About DataFest Germany



First ASA DataFest in 2011 at UCLA

8th DataFest in Germany (Uni Mannheim & LMU Munich)

50+ DataFests around the world this year

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Past DataFests Germany

2015: Mannheim – P3

2016: Munich – Ticketmaster

2017: Mannheim – Expedia

2018: Munich – TÜV

2019: Mannheim – Rugby Canada

2023: Munich – Bavarian commercial register (Infas 360)

2024: Mannheim - CourseKata

2025: Munich - ??????

DataFest 2025



114 participants
24 teams
17 staff members
15 universities
12 cities
3 days

Teams & Participants



Datafetzt (LMU Munich)
DatAvengers (LMU Munich, University of Vienna & TU Vienna)
Wattro (LMU Munich)
MAO (University of Mannheim & LMU Munich)
Teamname not found (TU Munich, University of Mannheim & TH Köln)
 mreow (LMU Munich & TU Munich)
Simon Says (Hertie School, Berlin & LMU Munich)
Mo' Data, Mo' Problems (University of Göttingen)
The Counterfactuals 2.0 (Hertie School, Berlin)
Team Ctrl-Alt-Defeat (Hertie School, Berlin & WU Vienna)
Standard Deviants (University of Leipzig & LMU Munich)
We dont know (LMU Munich)
Italytics (University of Bologna & University of Trieste)
Exotic Weights (LMU Munich & TU Munich)
Pandas&Pi (TH Ingolstadt)
Mind & Molecules (LMU Munich)
Fantastic Four (LMU Munich)
BBB (FAU Erlangen-Nürnberg, TH Nürnberg & LMU Munich)
39 Insights (LMU Munich)
39 MaxEntropy (LMU Munich)
KODAS A (Hertie School, TU Munich, Erasmus University Rotterdam, University of Amsterdam & Leiden University)
KODAS B (LMU Munich, DZHW, WZB & MZES Mannheim)
KODAS C (RPTU, WZB, University of Mannheim & University of Basel)
KODAS D (University of Mannheim, DIE Bonn, University of Konstanz & FU Berlin)



Who are we?



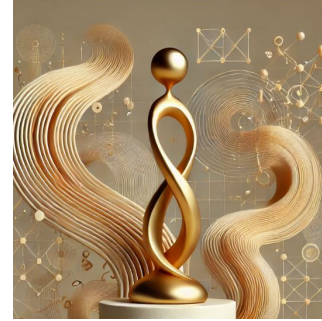
Awards



Best Insight



Best
Visualization



Best Use of
Outside Data



Best Data
Quality
Insights

Advice: Run your ideas by the consultants to see which might be the best fit for your project, have a backup category in mind.

Presentations



Submit presentations until 11:30 on Sunday @ Info Desk (E106)

4-minute (sharp!) presentation

3 slides max – PDF

House Rules



All work must be
done on
premises

Building access
is restricted
during nighttime

Be kind and
collaborative :)



Keep the Data



Unlike a typical DataFest, **you do not need to delete the dataset after the event.**

We encourage you to continue working with it — explore further, develop your ideas, and publish your results!



Important:

You **must properly cite the dataset** in any future use.

Citation guidelines are provided in the Data Description document — make sure to follow them.

Discord Channel

Invite Link: <https://discord.gg/hmc7w4JvFY>



Stuck? Reach out to Consultants. Our Consultants are happy to assist you. Consultants will be available most of the time. You can ask questions about your coding or ask for further advice on dataset management.



Land Use Data Germany

- Aggregated information about the **building structures and land use** in Germany as well as on social, economic and demographic variables
- Compiled from different sources including the German census, Earth Observation (Global Human Settlement Layer, Urban Atlas), regional statistics and housing advertisements (Immoscout)
- Available at **municipal and 100m grid cell** level

Ideas: Delve into the interactions between settlement structures, regional variations, house prices and other variables to explore the complex drivers of land take. - ***be creative and have fun!***

Important Documentation

Links to description of the datasets, data presentation, variable description, passwords and data access are all collected in one [link sheet](#) (see also discord)



Datafest Munich 2025 link sheet

High level description of the datasets

[Data Description for Datafest](#)

Presentations from data reveal and tutorial

Opening slides and data reveal [P](#)

Data and ideas [2025-03-28-Data-Reveal.pdf](#)

Data tutorial [Datafest 2025 tutorial.pptx](#)

Access to and detailed description of datasets

Municipal data

[Datafest data description of variables](#) (sheet 2)

BERD (embargo until March 28th): <https://berd-platform.de/records/g39xd-nxz07>

Password (zip file) : Datafest_MUC_2025

100m Grid cell data

BERD (embargo until March 28th): <https://berd-platform.de/records/gkpfe-xjb82>

Password (zip file): Datafest_MUC_2025_Grid

[Datafest data description of variables](#) (sheet 3)

Immoscout data

Detailed [data report](#) from FDZ Ruhr

Data access: <https://my.hidrive.com/share/7upkizwc-1#login>

Password (hidrive): l|(eGp+zXZ



How to Access the Data

For the municipal level and 100m grid cells data go to [BERD](#) and download the password protected zip files. You can also find the variable description there

The .zip includes:

- Full data set (.csv)

For the Immoscout ads access the [h-drive](#) and download the zip files with:

- six datasets with different types and resolutions of housing ads (.csv)
- data description

All datasets are also available as a backup on USB Sticks in case you have problems downloading



Schedule Friday (March 28, 2025)

 Friday Highlights:

 16:00 - 16:45 — Registration @ A 087 (Amalienhalle)

 17:00 - 18:00 — Opening Ceremony & Dataset Reveal @ Hörsaal A 125

 18:00 - 19:00 — Coding Kickoff: Get to your workspaces!

 19:00 - 20:00 — Mini Data Tutorial + Q&A @ Hörsaal A 125

 20:00 - 21:00 — Dinner @ A 280 (Halle)

 until 23:45 — Evening Code Session

 23:45 — Working Areas Close

Full schedule and further resources can be found on Discord

Passwords



Municipal Data: Datafest_MUC_2025

Grid Cell Data: Datafest_MUC_2025_Grid

Immoscout Data: Ij(eGp+zXZ

Good luck and have fun!