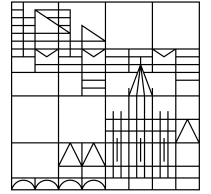


10 October 2024

Universität  
Konstanz



**MSc SEDS**

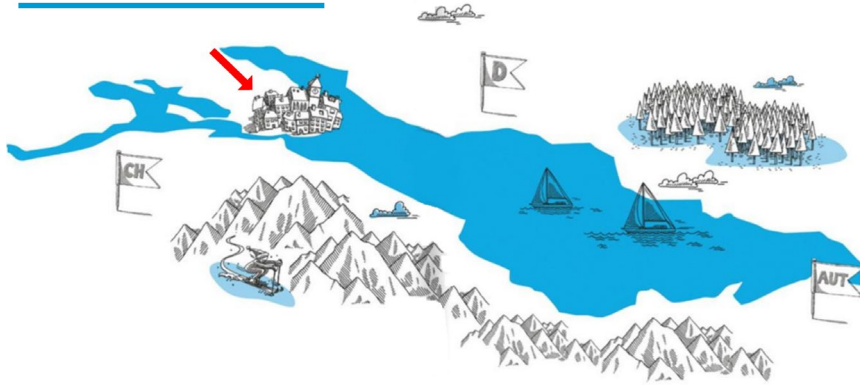
**Welcome Meeting**

**1st semester students**

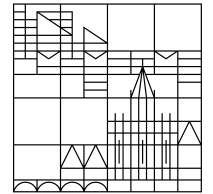


# Welcome!

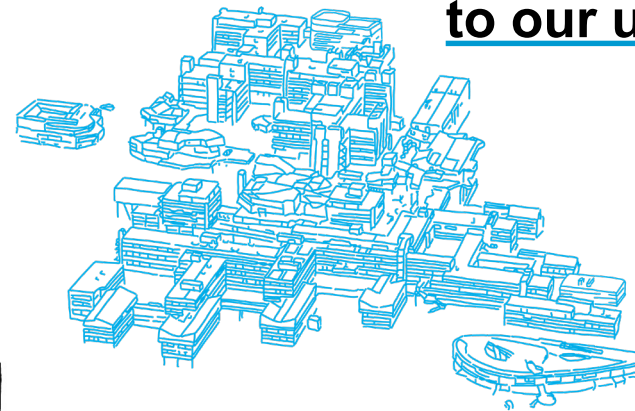
## to Konstanz



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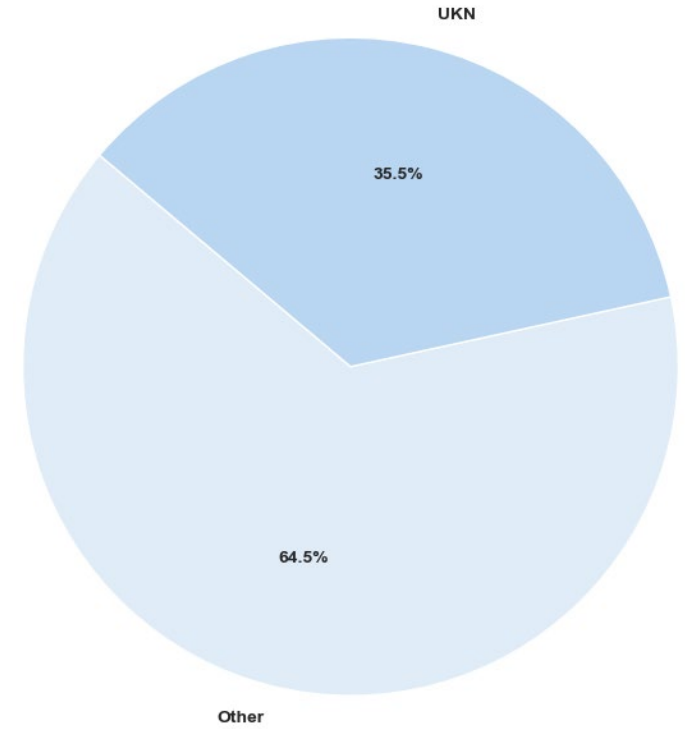
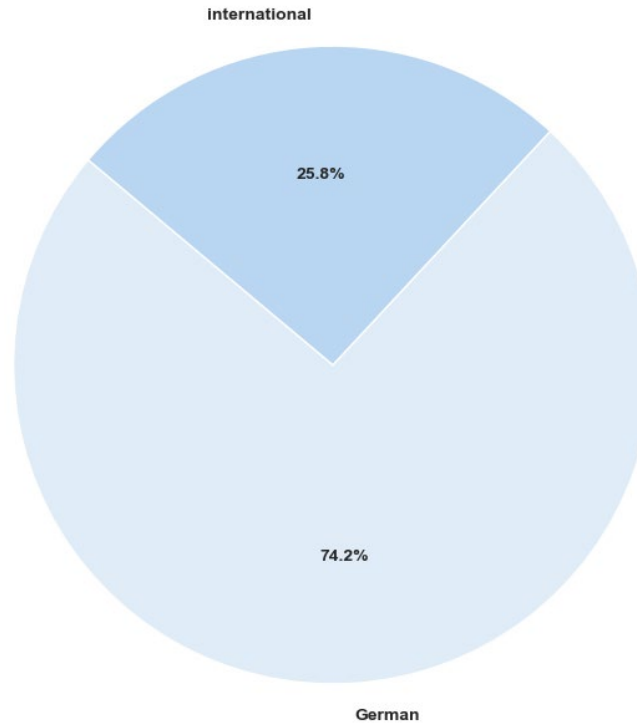
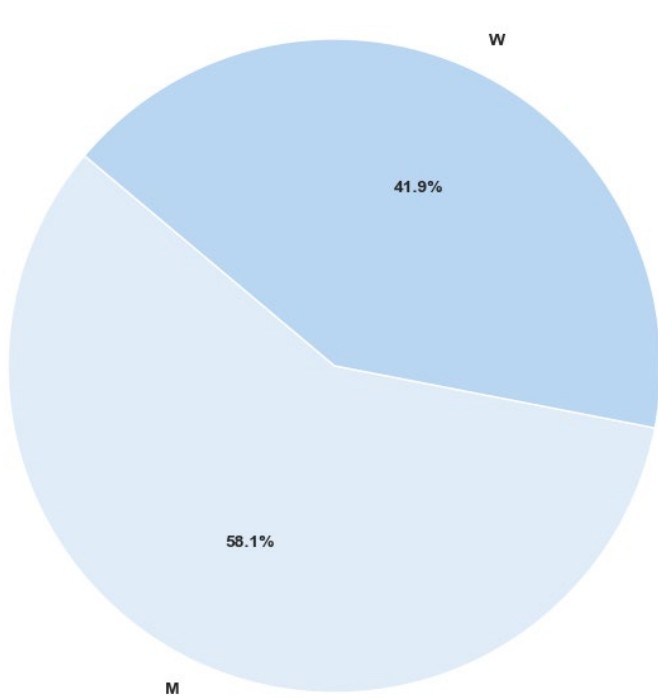
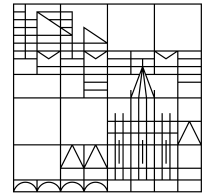
## to our university



## to the SEDS program

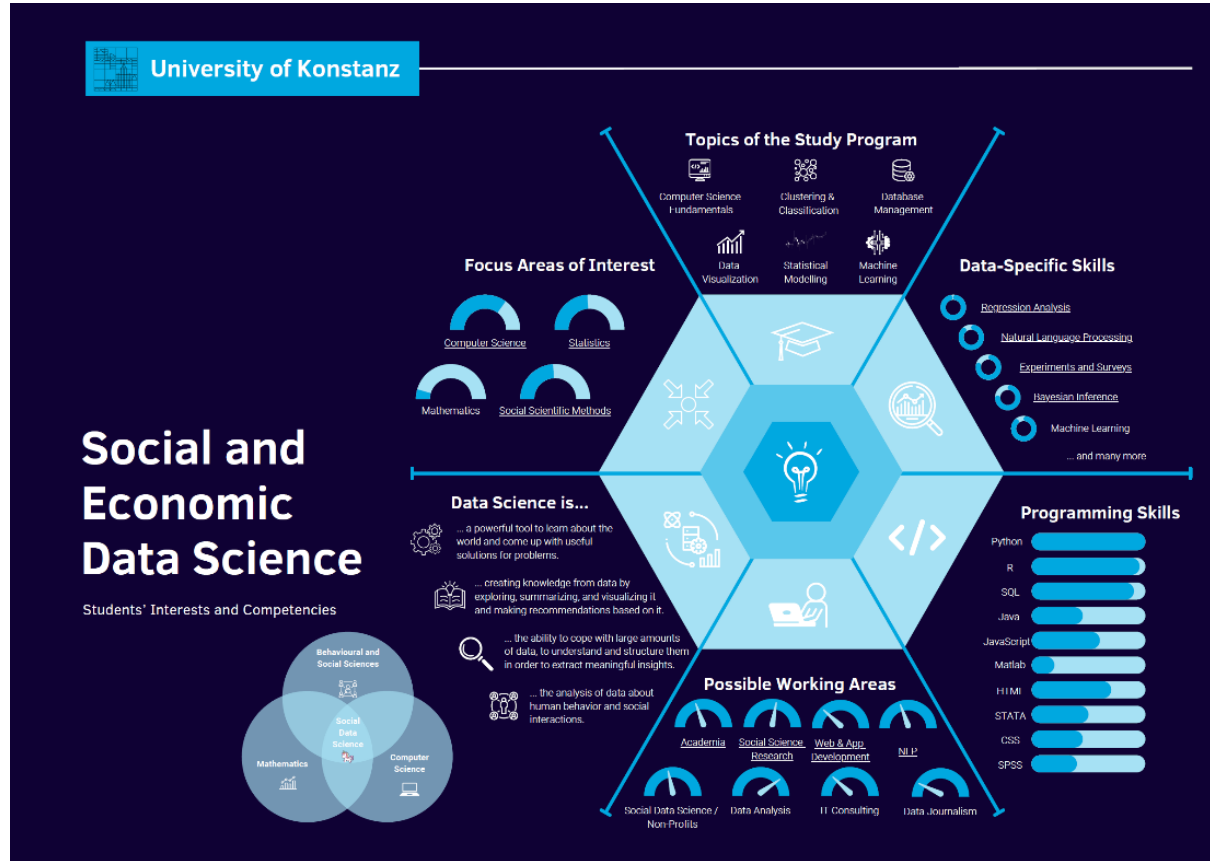
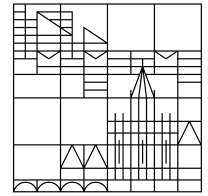
# Cohort 2024/25 – This is you

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# SEDS competence profile

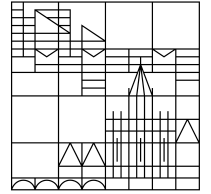
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**internal survey in  
summer 2023**

# Your SEDS lecturers

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**Prof. Dr. Peter Selb**  
Program Director MSc Social and Economic Data Science  
Professor of Survey Methodology

**Publications**  
[peter.selb@uni.kn](mailto:peter.selb@uni.kn)



**Prof. Dr. David García**  
Professor for Social and Behavioral Data Science

**Publications**  
[david.garcia@uni.kn](mailto:david.garcia@uni.kn)

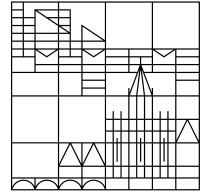


**Prof. Dr. Termeh Shafie**  
Professor of Computational Social Science and Data Science

**Publications**  
[termeh.shafie@uni.kn](mailto:termeh.shafie@uni.kn)

# Advisory service

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**Katharina Arendt**

**Program Coordinator and Study Advisor**

MSc Social and Economic Data Science

[seds.admin@uni.kn](mailto:seds.admin@uni.kn)

Office Hours:

Tue, 11 – 12 AM, online via zoom

Wed, 1.30 – 3 PM, D328



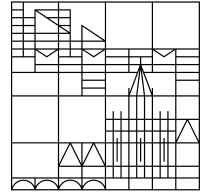
**Tessa Bartels**

Peer Advisor

[seds.msc@uni.kn](mailto:seds.msc@uni.kn)

# Extra office hours

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During the first lecture week (21 – 25 October) I am offering extra office hours upon appointment.

For a personal meeting just write me an e-mail:

[seds.admin@uni.kn](mailto:seds.admin@uni.kn)

# SEDS International

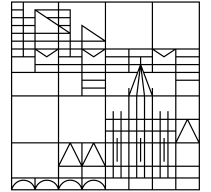


**Piret Sharinghousen**  
**Departmental Erasmus Coordinator**  
[erasmus.polver@uni.kn](mailto:erasmus.polver@uni.kn)  
Office Hours: Tue-Thu, 9-11 AM  
D326



# Python Crash Course

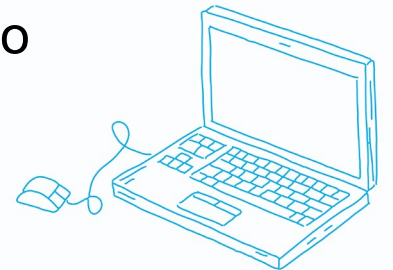
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**Starting soon!**  
**14 - 18 October (9.00 AM), C358/D301**

Please register for the course via [ZEuS!](#)  
(1 October – 13 October)

If you have questions, please send an e-mail to  
[seds.msc@uni.kn](mailto:seds.msc@uni.kn)



# Career Service

We offer support for students, doctoral students and graduates (up to two years after graduation) with their job applications, job orientation, internships and career start. Our working languages are German and English.

Our team is looking forward to meet you!



## Contact with employers

... at our career day kontaktpunkt, employer talks and job shadowing

## Jobs

... in our database in ZEuS

## Courses and Certificates

... Profil+, Career Passport, International Business Qualification, Future Skills

## Counselling

... on all career and job search related matters - personal, confidential and free of charge.

Go to [uni.kn/cs](https://uni.kn/cs) and start your career with us!

## Events

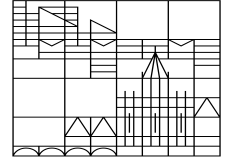
... in German and English covering a wide range of career related topics

## Career inspiration

... #dreamjob alumni profiles, alumni talks, talks with professionals

## Information and tools

... for career orientation and application processes on our website



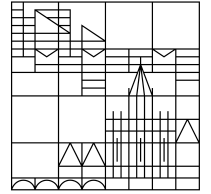
Short Input:

# Advanced Data and Information Literacy Track



# What is the "Advanced Data and Information Literacy Track" (ADILT)?

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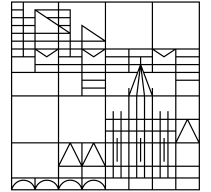


- Complemental programme on Data and Information Literacy
- For students of all disciplines
- overall **30 ECTS**- Credits
- combination of relevant **courses of the respective study programme** and **specific offers**
- structure of 3 blocks: **theoretical basics (1)**, **practical application (2)** and **reflection (3)**
- completion **certificate**



## Reasons to complete the „Advanced Data and Information Literacy Track“ (ADILT)

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- Deepen your expertise in the area of **data literacy** (creating, evaluating and storing/publishing experimental data, reflective handling of data in respect to technical, legal and ethical aspects)
- Choose from a wide range of additional course offers in the area of media use and design, research, and publishing practices (**information literacy**)
- Get in touch with interdisciplinary application scenarios and practical perspectives, meet professionals from different fields
- Show your extended commitment to data and information literacy with the certificate in addition to your degree ("plus point" on your CV)

# Structure

**Advanced Data and Information Literacy Certificate** 30 ECTS

## **Block 3: Reflection**

Normative, legal, historical and aesthetic perspectives on data-based processes and digitalization (6–9 ECTS)

## **Block 2: Application**

Subject-specific seminars, research and transfer-oriented project seminars on the application and reflection on data-based methods (6–9 ECTS)

## **Block 1: Basics**

Concepts of computer science, programming and statistics for students of all subjects

### **and/or**

Suitable introductory methods courses on data analysis and management offered in the respective subjects (9–12 ECTS)

**ADILT lecture series (required)** (3 ECTS)

**Program-specific (central and interdisciplinary) offers in the ADILT, each suitable as an introduction for non-specialists**

Course offer:

Digitalization and Law (can be taken without prior knowledge of law)

Philosophy and ethics of data processing

Changing course offer:

Unstructured Data in Humanities and Social Sciences / Digital Humanities

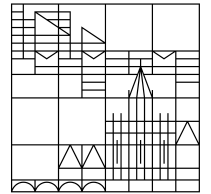
Online self learn-course

ADILT Basics of Computer Science  
(can be taken without prior knowledge of IT)

Mathematical Foundations of Data Processing

presentation of topics and research questions from different disciplines and invited speakers

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courses of the SEDS study programme with assignment to ADILT

# Subject-specific courses in the SEDS curriculum and interdisciplinary, thematically related courses

## Block 1 (basics) 9-12 ECTS:

- Foundations of Data Science & Advanced Methods
- Additionally/complementary: [Mathematical Foundations of Data Processing \(changing topics\)](#)

## Block 2 (Application) 6-9 ECTS:

- Advanced Methods, Programming and Applications
- Additionally/complementary: [ADILT courses on multimodal/unstructured data, Digital Ethnography](#)
- Large selection of key qualification offers (e.g. different beginner programming, data application and media design courses; topics like Open Science, Media Storytelling,...)

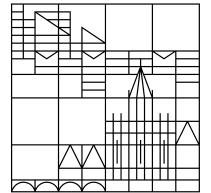
## Block 3 (Reflection) 6-9 ECTS:

- [ADILT courses Digitalization and Law, Data Philosophy, Data Ethics](#)
- Large selection of key qualification offers (e.g. [Critical Media Literacy, Reflection of Man and Technology, Workplace of the Future...](#))

## ADILT Lecture series

[presentation of topics and research questions from different disciplines and invited speakers](#)

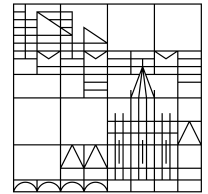
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# How to? – information and contacts

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## I want to participate - what do I have to do?

- No specific enrollment required
- Take and successfully finish courses creditable for the certificate

## What courses do I need to take and how do they count towards the certificate?

- Full course overview on [ADILT webpage](#), interdisciplinary and creditable courses from the respective study programmes
- ECTS acquired in the study programme **also** count for the ADILT certificate
- Information and structure table also on: [ADILT website for students](#)

## Who can I ask and where can I find contacts?

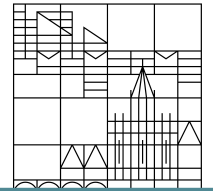
- Questions by email and appointments for a consultation at any time:  
Veronika Pöhl, [veronika.poehnl@uni.kn](mailto:veronika.poehnl@uni.kn)
- Exchange forum in the ILIAS for interested participants (access on the [ADILT website for students](#);  
open online consultation hour: Fridays 10 - 11 AM

## Quicksearch:

- [uni.kn/adilt](http://uni.kn/adilt), ADILT Uni Konstanz

# CorrelAid e.V.

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We are a Europe-wide network of over 2400 data scientists who want to improve the world through data science.



Data4Good  
Projects

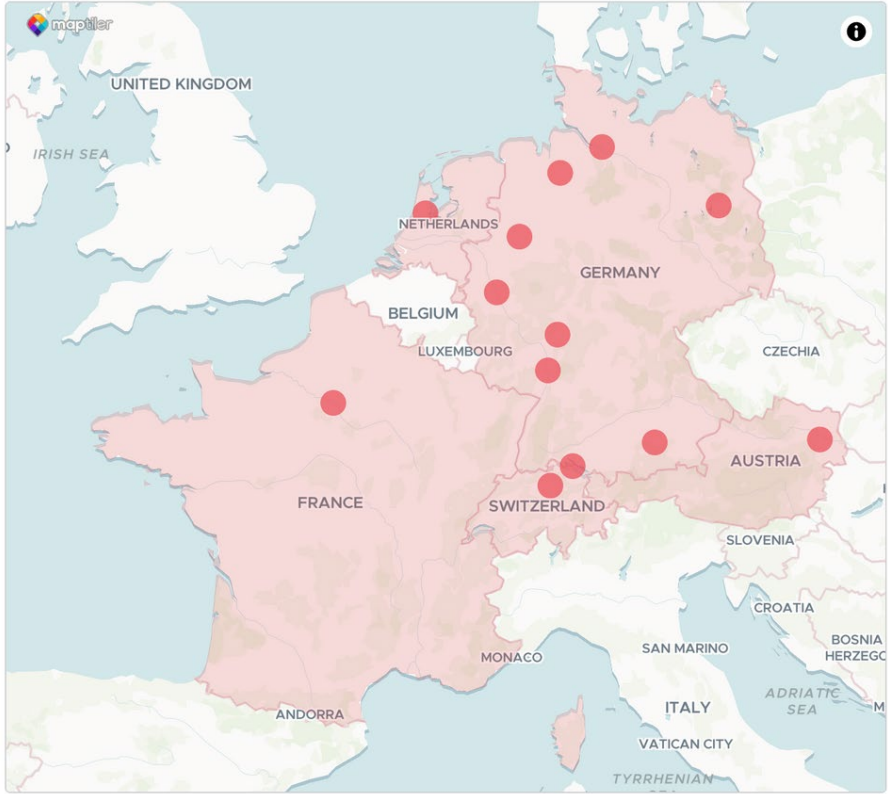
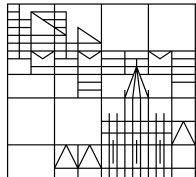


Education



Community

# CorrelAid e.V. Universität Konstanz



**karla**

OPEN DATA  
HACKATHON



**SÜDKURIER  
Data Days**  
10. + 11. Juni 2022



**Media Favoriten**

**FragDenStaat.de**

**HACKATHON  
HACKANDHARVEST**  
23./24. Juni 2023



**SMART GREEN CITY  
KONSTANZ VERNETZT GESTALTEN**

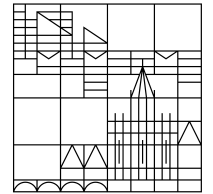


## CorrelAid Bar Evening

Thursday Nov 7th, 20pm

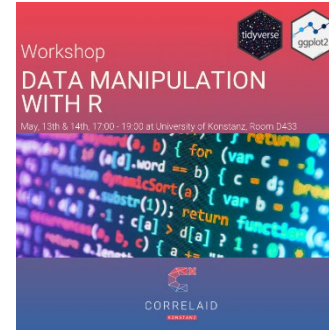
# CorrelAid e.V.

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What we do:

- build a community of data enthusiasts in Konstanz
- teach R courses
- this semester
  - cooperation with ADILT program of the university
  - teaching an "Introduction to Python" course



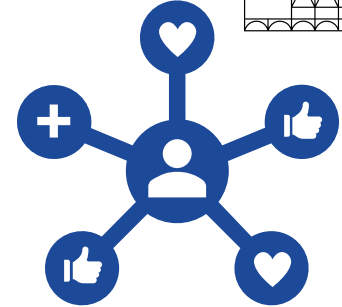
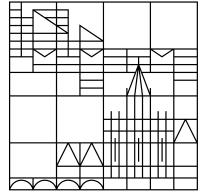
## CorrelAid Bar Evening

Thursday Nov 7th, 20pm





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# Events:



- 10.10., 19.30h: Pub Crawl
- 11.10., 15.00h: Konstanz Sightseeing



- 15.10., 17.30h: “Get Together” pt. 2
- 18.10., 14.30h: Walk to St. Katharina Biergarten

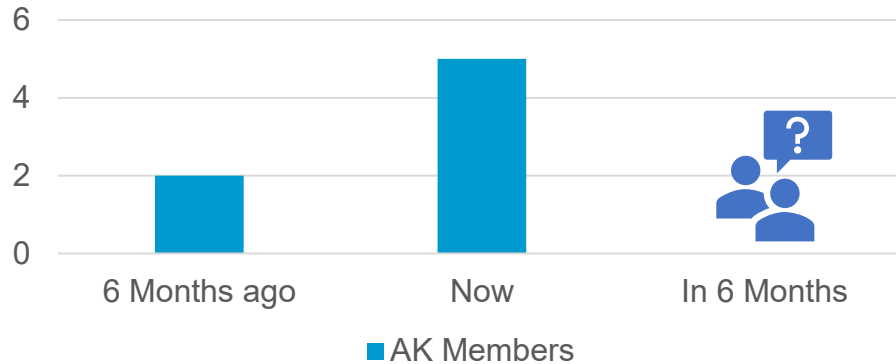


- 24.10., 18.00h: SEDS Running Dinner

# Caught your Interest?



AK Members



Contact Elias, Andri, Lennart, Theresa, Robin, Jannik & Tessa

Reach out via the SEDS WhatsApp groups

# Have a good and successful start in the SEDS program!



Enjoy a coffee and a Brezel and have an easy-going chat with us and your peers!



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