

## Location & Venue

### Venue

The Summer School is hosted by the University of Applied Sciences Kempten. UAS Kempten is well-known for its practice-oriented, international, high-quality academic training in a modern environment and with state-of-the-art equipment.



### Location

Kempten is a beautiful old city in Bavaria's top tourist region, the Allgäu. At the heart of Europe and with a view of Alps you will be trained where others spend their holidays.



## Date & Registration

### Date

July 22 – 30, 2019

### Fees and Registration

Special early bird fee of 555,00 € until 28 February 2019.  
Regular fee of 695,00 € after 28 February 2019.

The participation fee covers

- access to all lectures and lab works
- documents & certificate
- all lunches at Kempten University (7 x)
- all social events (transfers & entry fees)
- free wifi on campus

Participants need to make their own travel arrangements. Hotel accommodation can be booked for € 39,50/night in a twin room. Arrival on Sunday, 21 July 2019. Participants may have lunch at the student canteen (Mensa) or might want to choose from a variety of inexpensive meals at nearby shopping centre "FORUM ALLGÄU".

### Registration

[www.kemptensummerschool.de](http://www.kemptensummerschool.de)  
Registration closes on 30 April, 2019.

### Getting to Kempten

- Air: Allgäu Airport (FMM) Memmingen, Munich (MUC), Stuttgart (STR) and Friedrichshafen (FDH)  
Train: There are train connections from all airports ([www.bahn.de](http://www.bahn.de))  
Bus: There are several bus companies offering services to Kempten (e.g. FlixBus)  
Car: Autobahn A7



# International Summer School on Data Science for Everyone 2019

Kempten, Germany  
July 22 – 30, 2019

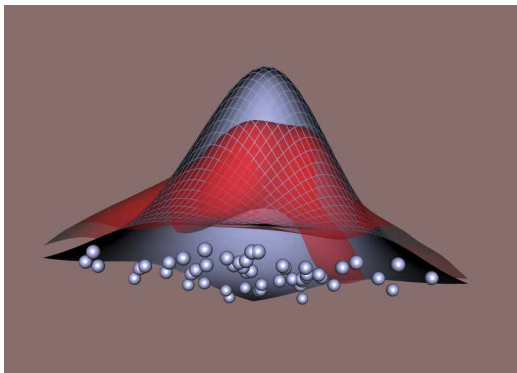


## About the Summer School

**Managing and visualization data** across all disciplines, the demand to **manage and visualize data** keeps growing. The International Summer School on Data Science for Everyone addresses this need: Through an **introduction to data analysis** combined with **hands-on exercises** and **real-life case studies**, you gain both a thorough understanding of the theoretical principles as well as how to apply them.

The Summer School is aimed at **undergraduate students of any faculty**, including e.g. Informatics, Engineering, Economics, Social Sciences or Tourism. **No previous knowledge of data science is required!**

All lecturers teaching for the Summer School have **practical experience**. They know the theory and how to apply it to real-life challenges.



## Your Program

### Monday, July 22:

09:00 - 16:15 **Introduction to Data Science**  
Afternoon: City Rallye "Exploring Kempten"

### Tuesday, July 23:

09:00 - 12:15 **Tools for working with data (1)**  
13:30 - 16:45 **Useful tools for your final thesis**  
Evening: Bavarian "Get together"

### Wednesday, July 24:

09:00 - 12:15 **Visualizing data (1)**  
Afternoon: **Company visit to Robert BOSCH GmbH:**  
Digitalization Best Practices  
Evening: You may enjoy Kempten nightlife with our students (from 09:30 pm)

### Thursday, July 25:

09:00 - 12:15 **Data Science case study**  
13:30 - 16:45 **Intercultural Training**

### Friday, July 26:

09:00 - 12:15 **Visualizing Data (2)**  
13:30 - 16:45 **Tools for working with data (2)**

### Saturday, July 27:

Trip to **Munich**, the charming capital of Bavaria. Visit the futuristic BMW Welt which showcases BMW's history and most innovative products. Explore the city with its amazing architecture, shopping opportunities and **Viktualienmarkt**, the culinary heart of Munich or the near-by **Hofbräuhaus**. Taste excellent beer brewed under Bavarian Purity Law - a toast to a 500 year success story.

### Sunday, July 28:

Visit to **Neuschwanstein**, the castle of the fairy-tale king Ludwig II and one of the most popular of all the palaces and castles in Europe. Afterwards take the mountain cable car to the top of the 1800 metres high **Tegelberg** and enjoy a stunning view of the Alps and nearby Forggensee.

### Monday, July 29:

09:00 - 12:15 **Data Science case study**  
13:30 - 16:45 **Introduction to Deep Learning & Practical session**

### Tuesday, July 30:

09:00 - 12:15 Practical session: **Your own project**  
After lunch: **Closing session** (until 3 pm)

## Your Benefits

### Is this you?

- You need to **handle data for your thesis?**
- You are curious about **advanced tools?**
- You would like to **visualize data** beyond what Excel can do?
- You want **real-life examples?**
- You want to **learn more about Germany** with fellow students **in an international setting?**

### Then you should register for the summer school in order to:

- receive a **hands-on introduction to data science**
- get familiarized with **many useful tools**, e.g. R
- learn about the **latest trends**, e.g. **"deep learning"**
- **visit leading technology companies** and work on **practical case studies**
- take part in an **intercultural training**
- participate in an **attractive social program**

Oh, and you will also receive **4 Credit Points** and a **participation certificate**.

