# Data Scientist: Coding Challenge

The following coding challenges are inspired by real projects in our team. We want to give you a chance to experience the kind of data and problems we work on. We also want to get an impression of your working and coding style.

We prepared two challenges for you to choose from.

## The Challenges

You are presented with two datasets:

1. Handling gaps in time series dataset from temperature readings for the development of anomaly detection algorithm.
2. Customer lead generator
   The columns 'b_in_kontakt_gewesen', 'b_gekauft_gesamt' will help you to identify the training data and the labels.

Please, select one challenge. Critically examine the dataset of your choice while paying attention to data problems such as missing data or small sample size. If the data inspires you, please feel free to formulate your own project and its possible solutions.

Please note that we are interested in getting to know how you approach the problem more than we are in the actual results. We respect that you have a busy life, so please focus on quality over quantity. This challenge should not take more than 3-6 hours of your time.

## Remarks

1. Explain your code and results (using inline code documentation)
2. Please state and explain any simplifying assumptions you make
3. Please remember testing

## Deliverables

Provide your results/code via

- link to your git repository (e.g., GitHub or bitbucket)
- link to your file share account (e.g., Dropbox or OneDrive)

In case both options do not work for you, please let us know by email.

Have fun!