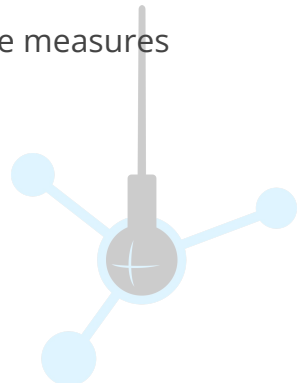


Datathon: The organisations

5th Datathon 20th - 21st of November 2021

ADFC - Allg. Deutscher Fahrrad Club

- Project
 - To do good lobbying work for cyclists, the ADFC needs valuable data nationwide
 - Bicycle counting stations in various cities count the number of cyclists passing through each day
- Challenge
 - How has bicycle traffic developed in recent years and where does the “bicycle boom” take place?
 - What influence do the weather/pandemic/season have on bicycle traffic?
 - By identifying sudden changes in bike traffic, the ADFC can research whether infrastructure measures have been implemented at the respective locations
- Usecase
 - correlation analysis
 - Analytics/Visualisation of the development of bicycle traffic



DRK - Deutsches Rotes Kreuz

- Project

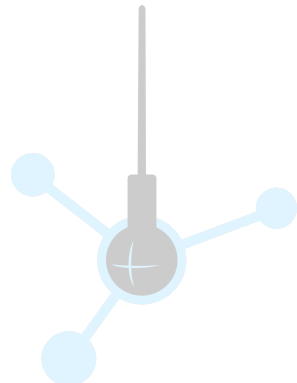
- The German Red Cross (DRK) has set up a new job portal (jobs.drk.de) to bundle all job openings in DE.
- DRK would like to get detailed insights on the job openings

- Challenge

- Attracting new employees to social professions and retaining them is challenging due to several reasons
- For which professions are jobs advertised particularly frequently? What are the characteristics of the job postings in terms of type of employment, contract, compensation, and location?
- Are there job profiles that are particularly difficult to fill? What distinguishes them?

- Usecase

- Analytics/Visualisation
- Natural Language Processing



Bezirksamt Friedrichshain Kreuzberg

- Project

- The district office wants to know more about parking and parking management in their district
- OSM Open Street Map provides some visualizations and information for Neukölln

- Challenge

- What parts from the Neukölln Dataset can be used in Friedrichshain Kreuzberg?
- Matching of demographic data to enrich the picture
- Are different datasets comparable?

- Usecase

- Geospatial analysis and visualisation
- Analytics and visualization of connections between various demographic data and parking data

