Analysis Report

Introduction

Do temperature and rainfall negatively correlate with the number of people walking through the pedestrian zone in Erlangen? Are there any other factors that have a significant impact on the number of pedestrians?

Used Data

Analysis

Steps:

1. Median per Weekday
2. Select the days with more than 10 % difference to the Median of that weekday
3. Remove the days that are a public holiday or within an event taking place in Erlangen
4. For the remaining days, calculate the correlation between the number of pedestrians and the temperature and rainfall

Conclusions

- Social Events (positively) and Sundays (negatively) have more effect on the number of pedestrians in the city rain or temperature
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