Solution Aspects

Fundamentally there are also short-term temporal dependencies, i.e. given that many people have used a shared bicycle to reach their workplace at a specific day, they are more likely to also return to their home. Another dependency arising is the connectivity of stations, i.e. if the demand to take a bike rises a one station, the demand to dock a bike at a **connected** station (i.e. there occur frequent rides between these two stations) should rise.

Implementation

Masking

For training, we need to mask out every section where the demand is at its daily max/min if

- this max/min is reached at elongated period of the day
- is not too far away from the capacity estimate (e.g. a station at the university may not reach its full capacity on weekends)