Documentation DSML Group Work

1. Create a shared repository and share it with each group member. Each member clones the repository
2. Start with the 2. Task and identify the key performance indicators
3. Utilisation: usage/day/daytime: calculate how much a bike is used during a specific time
4. Density: bikes/area: identify how many bikes there are in a specific area; are there specific hotspots?
5. Demand: time unused
6. Revenue: (basic rate the rental costs 1€/ 30 min and maximum 12€/24h: how much can be earned through the rental
7. Discussing how to clean the data by means of the KPI.
8. Delete if the average speed is under 5km/h
9. Delete if the bike is not within the boundaries of the city
10. Delete if the distance is under 100m

Therefore, we set up a few ToDos to prepare the Data cleaning

1. Calculate the distance and create a new column
2. Get the Postalcode and create a new column
3. Get and organize weather data and create a new column for the rain and the temperature