§ A data science project topic/theme (ideally this will tie with one of the research ideas you have, and will work with new forms of urban big data).

* Look at open-access cycle count data.
* Considering looking at Oslo
  + With municipal: <https://data.eco-counter.com/ParcPublic/?id=3936#> and national road administration counts: <https://trafikkdata.atlas.vegvesen.no/#/kart?lat=59.906917592262474&lon=10.769043872384314&trafficType=vehicle&zoom=13>
* Also secondary option of Scotland, which seems slightly easier to access and potentially more powerful: <https://usmart.io/org/cyclingscotland/>
* We are interested in cycling behaviour, and what things make cycling attractive some places and less so in others.
* Many municipalities, including Oslo, have struggled with reaching their cycling modal share targets.

§ Clearly explain why you want to do this analysis and what will be your objectives and expected outcomes.

* Potentially, compare cycle counters over time. Trying to identify increase in certain areas and uptake in some versus others. Alternatively, also considering taking into consideration the different impact of certain events like holidays, etc. over different counters. Subject more exploration. Combine time series analysis and spatial analysis.

§ Demonstrate what programming tools (related python packages, etc.) you will use in this data science project.

* Collect data through APIs
* Integrate with map visualisation
* Visualisation through Mathplotlib

§ Any other relevant information you would like feedback on

* Is there a higher mark for incorporating more advanced methods? If so what methods?