Research Proposal Group 1 - TIL Programming - TIL6022

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This research proposal is made for the TIL Programming TIL6022 course project. We focus on an application project on mobility trends using open-source data, making this a societal project. We were inspired by the current discussions on introducing rush hour tax for train tickets in the Netherlands (source: NS wil voorstel spitsheffing beperken tot €2,50 per rit (businessinsider.nl)).

Research Question: "What are the main attributes of people choosing to travel by train in the Netherlands since 2018?"

To answer this research question we will do some data processing, quantitative analysis and visualize our results.

Data:
The data is obtained from CBS (Central Bureau for Statistics Netherlands) that includes mobility trends and travel motives of individuals.
- StatLine - Mobiliteit; per persoon, persoonskenmerken, motieven en regio's (cbs.nl)
- StatLine - Mobiliteit; per persoon, persoonskenmerken, vervoerwijzen en regio's (cbs.nl)
- StatLine - Mobiliteit; per persoon, verplaatsingskenmerken, reismotieven, regio's (cbs.nl)
- StatLine - Mobiliteit; per persoon, verplaatsingskenmerken, vervoerwijzen en regio's (cbs.nl)
- StatLine - Mobiliteit; per persoon, vervoerwijzen, motieven, regio's (cbs.nl)

Scale limitations:
- Geographical boundary: The Netherlands
- Travel mode: train
- Time scale: Data since 2018