Delivery report

In this semester of AI for society, I attempted to make a regression model that predicts how many accidents will happen in a certain region.
For this I used two different datasets and looked into three different types of regression.
I wrote a progress report that has the whole process from start to finish and some problems I encountered and what I did with them.
I also put the code I made on github.
For the code I made a smaller version that does not have the parts that aren't necessary and wouldn't be delivered to a client.

Where to find

Progress report:
Delivered together with the Delivery report in canvas: "Personal Challenge - Final Delivery" with the name "personal challenge progress report"

Code:
In the git with the name "data.ipynb"
https://github.com/stefan1234567891011/AI_personal_project/pulse

Only the useful code
In the git with the name "clean.ipynb"
https://github.com/stefan1234567891011/AI_personal_project/pulse

Dataset accidents:
https://data.overheid.nl/dataset/9841-verkeersongevallen---bestand-geregistreerde-ongevallen-nederland#panel-resources

Dataset population and vehicles:
https://opendata.cbs.nl/statline/#/CBS/nl/dataset/70072NED/table?ts=1669975216124&fromstatweb=true