Group 1 Project 2 Project Proposal

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UK Road Traffic Collision Dataset

Data Extraction

2 files

1 – accident\_data.csv

2 – vehicle\_data.csv

Citing Data Source

[UK Road Traffic Collision Dataset | Kaggle](https://www.kaggle.com/datasets/salmankhaliq22/road-traffic-collision-dataset)

Data Transforming (cleaning, joining, filtering and aggregating)

* Removing unwanted columns

(keeping from vehicle-data – Age\_Band\_of\_Driver, Age\_of\_Vehicle, make, model, sex\_of\_driver)

(keeping from accident\_data – accident\_severity, day\_of\_week, light\_conditions)

* Removing empty cells
* Joining on “Accident\_Index”

Loading Data into Database

* Loading data on Postgresql