VACANCY INTERNSHIP PROJECT
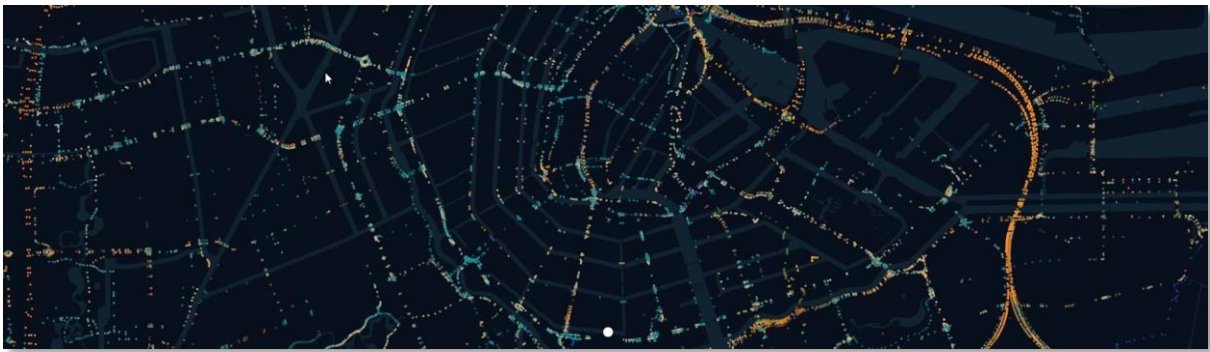
We are looking for students interested in carrying out their internship project at Dat.mobility

Internship

Estimating pedestrian flows from the Dutch Mobility Panel (NVP) and Mobility Spectrum data and other projects related to NVP

Problem description

Many data sources provide information about Dutch mobility. One of the missing elements is information about pedestrian flows. In 2019 Dat.mobility, Kantar and Mobidot founded the Nederlands Verplaatsingspanel (NVP) to monitor mobility continuously. With consent from panel members comprehensive outdoor behaviour is tracked by using an app with gps-technology on smartphones. Currently we have a nation-wide representative sample with 10.000 panel members and over 15 million records [1]. Next to the NVP-database we have the Mobility Spectrum, a database with multi modal traffic volumes (car, bike, public transport) on every read in the Netherland.

Internship

The goal of this research is to estimate dynamic pedestrian flows on all roads in the Netherlands by using and combining data sources from NVP and Mobility spectrum and available ground truth data.

As the NVP is constantly evolving and being improved we are always looking for students with a keen interest in location data and new applications in the mobility domain.

Research group

Dat.mobility Deventer

Daily supervisors: *one from Dat.mobility and one from Mobidot.*

When interested in this internship or an internship related to the use and improvement of NVP data please contact:

Dr. Peter van der Mede (email: pvdmede@dat.nl; m +31620957904)

References

[1] https://www.dat.nl/actueel/kantar-datmobility-en-mobidot-starten-het-nederlands-verplaatsingspanel-nvp/