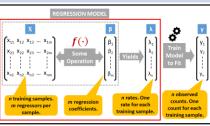
UNDERSTANDING CHARACTERISTICS OF GROCERY SHOPPING TRIPS

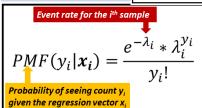
Problem context

Previous research about travel behavior of individuals was performed using survey data. Thus, causing significant uncertainty. GPS data can lead to more significant results.

Methodology

- Poisson regression or negative binomial model (frequency of trips)
- Multinominal logit model (mode choice prediction)

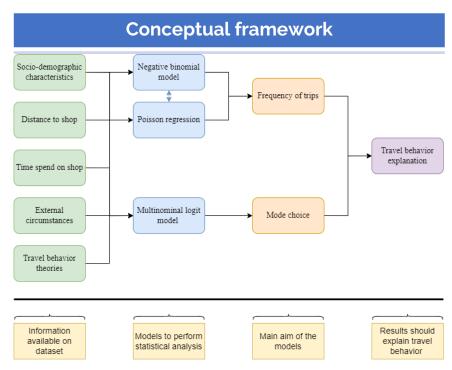




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Research purpose

The main aim of the project is to evaluate the data provided by Mobidot in order to have a better insight into trips related to grocery shopping (correlation between socio-demographic data, trip distance, time spent on shops)



- Internal supervisor: Dr.Ir. M.B. Ulak PHD (Baran)
- External supervisor: Johan Koolwaaij

Study area



Research questions

What are the main characteristics of grocery shopping trips of individuals within the Netherlands?

- How often do individuals travel with the purpose of grocery shopping and do they have any preferred they for this activity?
- Which factors affect the transportation mode choice of individuals?



