Relation between Uber usage and weather

# Team Members

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# Project description

Using a dataset with information related to Uber trips, we aim to analyse the relationship between Uber usage and the weather.

# Research question to answer

* Is the weather a variable that influences Uber usage?
* Is the price of an Uber trip dependant of the weather?
* Amount of passengers vs weather conditions
* Amount of passengers vs distance travelled
* Weather conditions vs distance travelled
* Times of year season etc vs regularity of uber usage?
* Usage of uber service for rural or city?
* Fair/cost vs pick up times - peak hours/days of week and/or public holidays etc.

# Datasets to be used

* uber.csv
* OpenweatherAPI
* Geoapify

# Rough breakdown of tasks

* Clone repository to desktops
* Upload original datasets and update readme file with project description
* Merge and clean data
* Analyse tendencies and relationship between Uber trips and weather
* Analyse tendencies and relationship between Uber trips prices and weather
* Geolocate pick up/drop off locations. Area type (rural/city etc)
* Relationship between amount of passengers vs weather conditions
* Generate conclusions
* Organise presentation