**PARCEL HACK 2019 DATA DICTIONARY**

2 csvs have been provided for you. The first csv, "parcelhack\_jobs.csv", represents the data for roughly 9000 a to b deliveries, which we call "jobs". The second csv, "parcelhack\_courier\_pings.csv", represents the "pings" (or locations) that were sent from the courier's mobile phone whilst they were performing the job. Please note the second dataset is too large to be opened in Excel.

Both csvs makes use of Uber's H3 library, which divides the surface of the earth into recursive hexagons. You can watch a video about tiling the earth with hexagons here: https://www.youtube.com/watch?v=ay2uwtRO3QE&t=18s.

About parcelhack\_jobs.csv

JOB\_ID unique id for an a to b job

COURIER\_ID unique id of the courier

VEHICLETYPE vehicle type of the courier

CREATED AT date the job was created

COLLECTION EARLIEST earliest time the courier should reach the collection point

COLLECTION LATEST latest time the courier should reach the collection point

COLLECTED AT time the package was actually collected

DELIVERY EARLIEST earliest time the courier should reach the delivery point

DELIVERY LATEST latest time the courier should reach the delivery point

DELIVERED AT time the package was actually delivered

COLLECTION HEXAGON the h3 hexagon of the collection point

DELIVERY HEXAGON the h3 hexagon of the delivery point

COLLECTION LATITUDE the latitude of the collection point

COLLECTION LONGITUDE the longitude of the collection point

DELIVERY LATITUDE the latitude of the delivery point

DELIVERY LONGITUDE the longitude of the delivery point

About parcelhack\_courier\_pings.csv

The courier ping data includes all the original fields in the job data, so you know which job each ping is related to. In addition it includes the following fields:

PING TIMESTAMP time the location ping was sent from the courier's mobile phone

PING LATITUDE the latitude of the courier at the time the ping was sent

PING LONGITUDE the longitude of the courier at the time the ping was sent

PING HEXAGON the h3 hexagon of the ping