

Instructions for the pipeline

Two separate databases were created using scripts to extract data from an osm file that contained data for the whole country from GeoFabrik. To create the databases we used OSMFilter and the following scripts:

```
osmfilter macedonia-database.osm --keep="highway=*" > streets.osm
```

```
osmfilter macedonia-database.osm --keep="parking amenity=parking  
highway=service service=parking_aisle" > parking.osm
```

For filtering the data we used OSMFilter and OSMConvert.

We filtered the parkings ids, lon&lat, name, fee, capacity, the city and the street from the parkings.osm file using the script: `osmfilter parkings.osm --keep="parking amenity=parking highway=service service=parking_aisle" | osmconvert64-0.8.8p.exe - --all-to-nodes --csv="@id @lon @lat name:en name:mk name fee capacity addr:city addr:street" --csv-headline --csv-separator="," -o="parkingsLocations.csv"`

We filtered the streets ids, lon&lat and the name from the streets.osm file using the script: `osmfilter streets.osm --keep="highway=*" | osmconvert64-0.8.8p.exe - --all-to-nodes --csv="@id @lon @lat name" --csv-headline --csv-separator="," -o="streetsInfo.csv"`

The data that we needed filtered was imported into two Excel files called streetsInfo.csv and parkingsLocations.csv.