

Edinburgh Food delivery Riders Collective Risk Mapping Project

The Workers' Observatory

Marion Lieutaud

2026-01-27

Data

For the background data of to map Edinburgh, I use Stadia Maps via the ggmap package. see: <https://dkahle.r-universe.dev/ggmap>. Registration is free and gives access to the API, through which you can download map tiles.

Workers' Observatory data: Edinburgh riders collective risk mapping project

I downloaded the kml data straight from the Google My Maps I set up (you can save it as kml, rather than kmz) <https://www.google.com/maps/d/u/0/edit?mid=1i2r27xzXrmzmlNSOeNPirnkJS5h43qw&ll=55.98838161940742%2C-3.198698398629496&z=12> When designing the map with the riders, we have split things into different kinds of risks (accidents, thefts/robbery, attacks + bad restaurants, other risks)

Analysis

Accidents reported by food delivery riders



Data source: Riders Hazard Mapping project (Google My Maps)
Visualization: Marion Lieutaud | Workers' Observatory

Thefts faced by food delivery riders

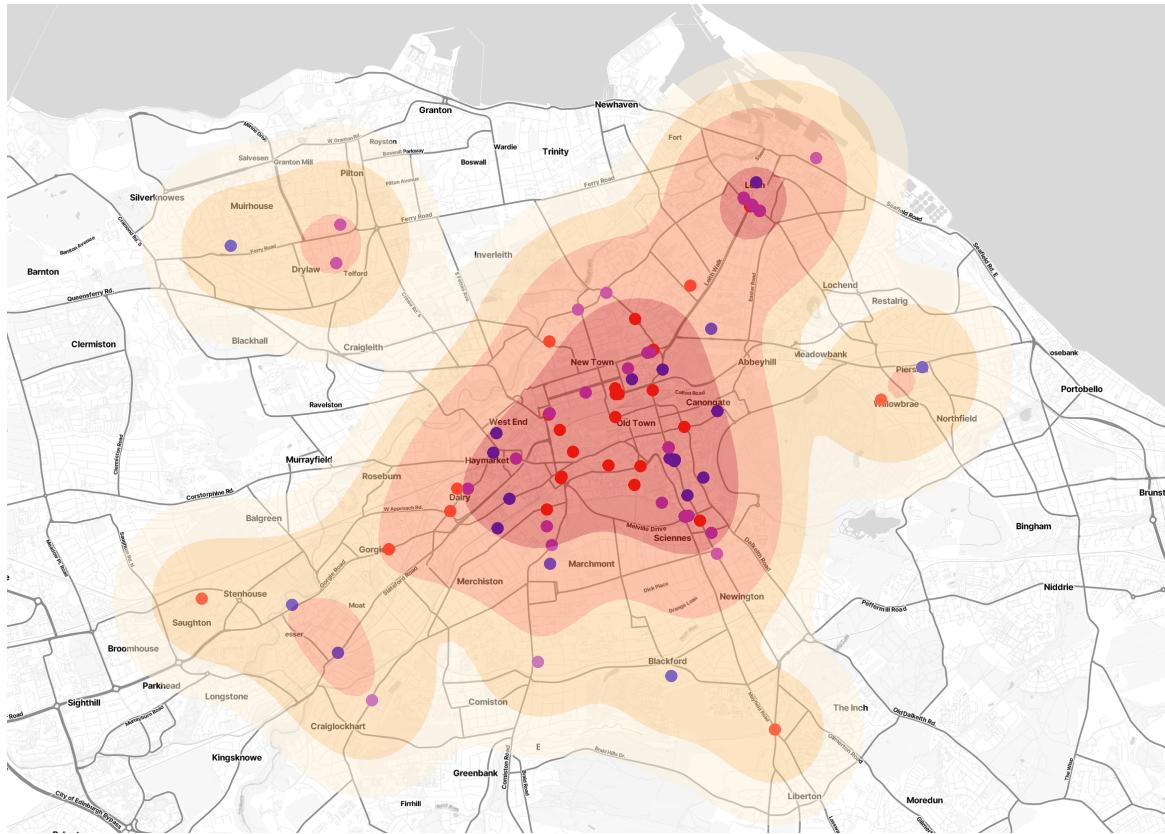


Data source: Riders Hazard Mapping project (Google My Maps)
Visualization: Marion Lieutaud | Workers' Observatory

Attacks against food delivery riders



Data source: Riders Hazard Mapping project (Google My Maps)
Visualization: Marion Lieutaud | Workers' Observatory



Some additional useful resources

<https://sarahlistabarth.github.io/blog/posts/opening-kmz-files/>
<https://ratey-atuwa.github.io/Learn-R-web/google-kml.html>