

The data used in the project is firstly the coordinates of the waypoints downloaded from a GPX file prepared in one of the services that allow you to create and download such routes. GPX file will convert to CSV and use data about the coordinates of the route (perhaps due to their number and the fact that they will be close to each other, I will use only some of them, e.g. every 10). Of course, the second source of data will be Foursquare.

Data in a GPX file from which coordinates can be extracted:

```
<?xml version="1.0" encoding="UTF-8"?>
<gpx xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:gpxdata="http://www.cluetrust.com/XML/GPXDATA/1/0"
  <author>RideWithGPS LLC</author>
  <url>https://ridewithgps.com/routes/26861280</url>
  <time>2018-02-13T16:33:30Z</time>
  <trk>
    <name>EuroVelo 11 Beast of the East</name>
    <trkseg>
      <trkpt lat="49.66819" lon="20.50114">
        <ele>577.1</ele>
      </trkpt>
      <trkpt lat="49.66813" lon="20.50123">
        <ele>577.2</ele>
      </trkpt>
      <trkpt lat="49.66757" lon="20.5018">
        <ele>579.7</ele>
      </trkpt>
      <trkpt lat="49.66739" lon="20.50204">
        <ele>578.6</ele>
      </trkpt>
    </trkseg>
  </trk>
</gpx>
```