**PREDICTOR & DETECTOR SYSTEMS CODED IN PYTHON 3.7**

The detector system is to assess the hazard places of a contagious disease in a city by using a supervised learning-based approach on the individuals' tracking trajectories. It is enabled to apply on a warning system that installs on mobile (or a specific warning device) and notifies the hazard of a place.

The predictor system predicts the possibility of getting the disease without testing. It is developed based on an HMM-based approach.

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**TO RUN THE CODE:**

if you are using more than one version of pyhton in your system:

python3 main.py data

otherwise:

python main.py data