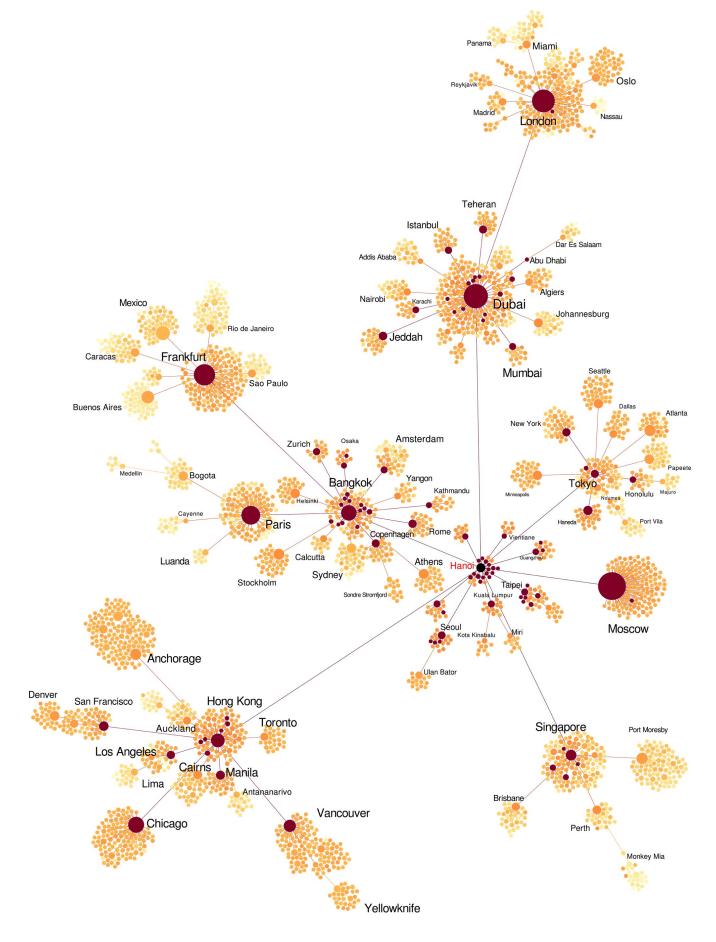
IT UNIVERSITY OF COPENHAGEN

Reflections in Data Science

BSREDAS1KU-20201

2020-03-24



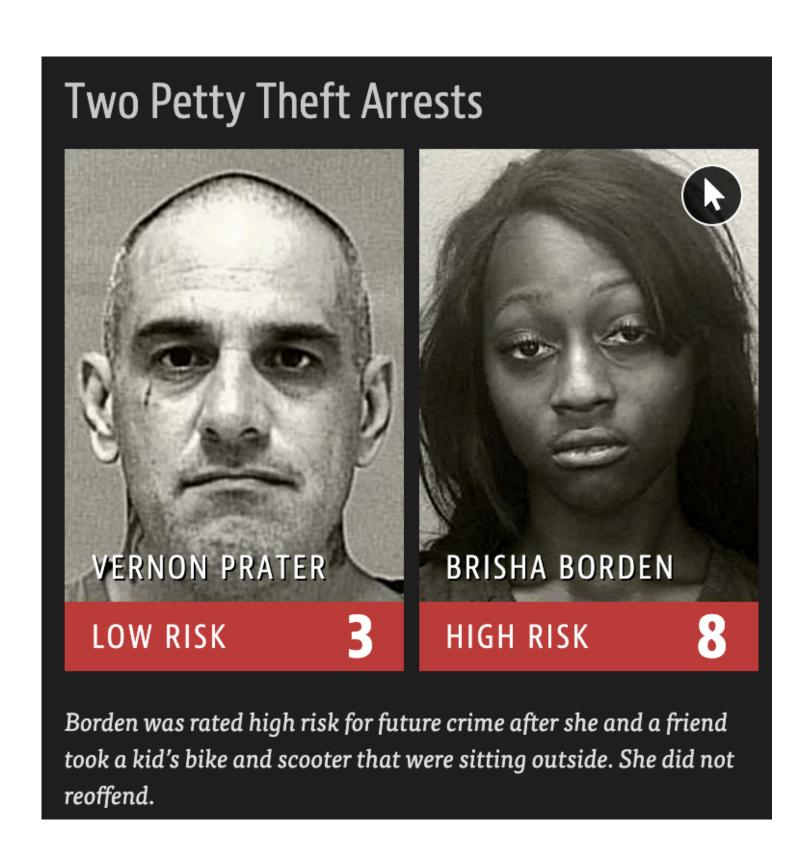
Network depicting the Hanoi outbreak model

<u>Published in Wired</u>

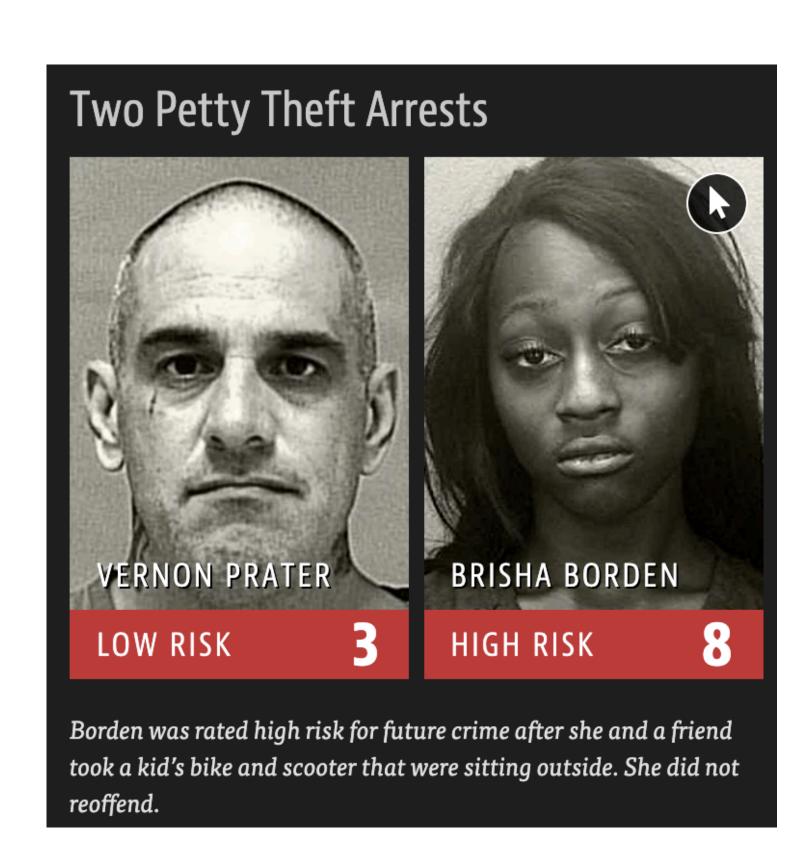
Exercise 7

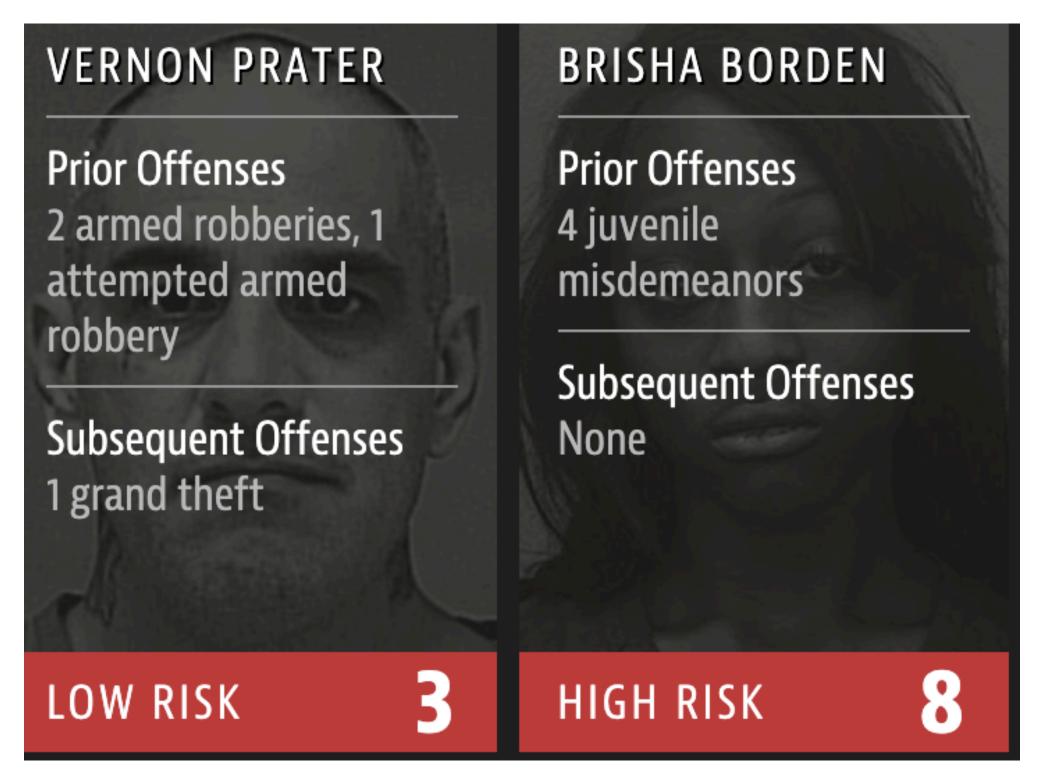
Testing for unfairness - Propublica experiment (45 minutes)

COMPAS system



COMPAS system





Exercise 7

Goal: Understand how to test for unfairness using the COMPAS system.

The notebook: Contains an example of unfairness test for the risk of recidivism.

Your task: Understand the how the risk of recidivism was implemented and answer two questions related to violent recidivism.

Exercise 7

Q1: What is the risk of violent recidivism for black defendants compared to white defendants?

Q2: What is the risk of violent recidivism for defendants under 25 compared to middle aged defendants?

https://github.com/tocunha/reflectionsdatascience/tree/master/exercise7-24-03-2020