

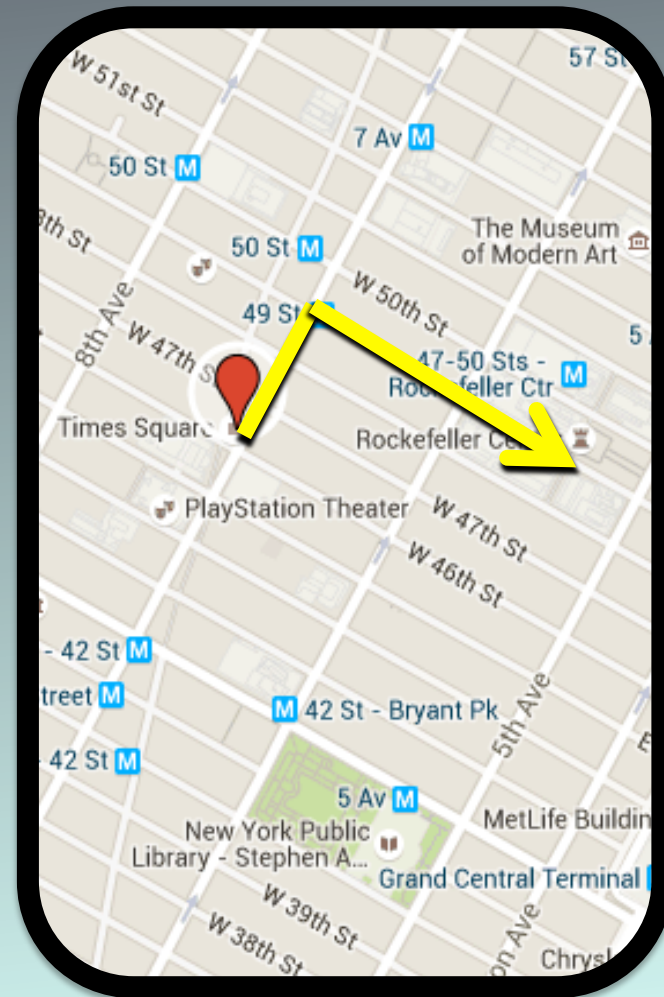
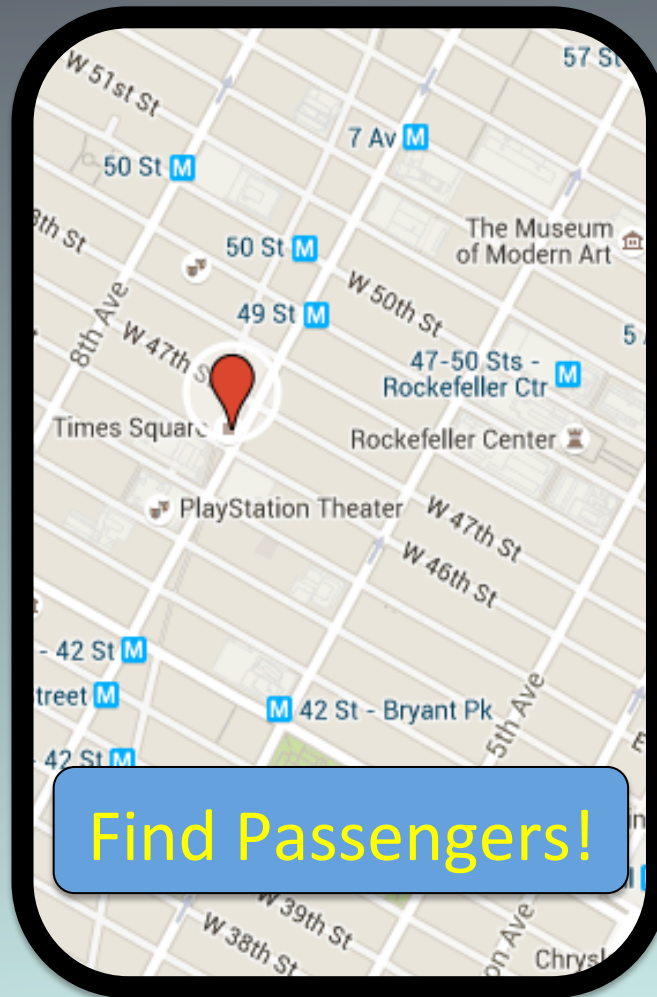


Passearch



Jared Gabor

Passearch

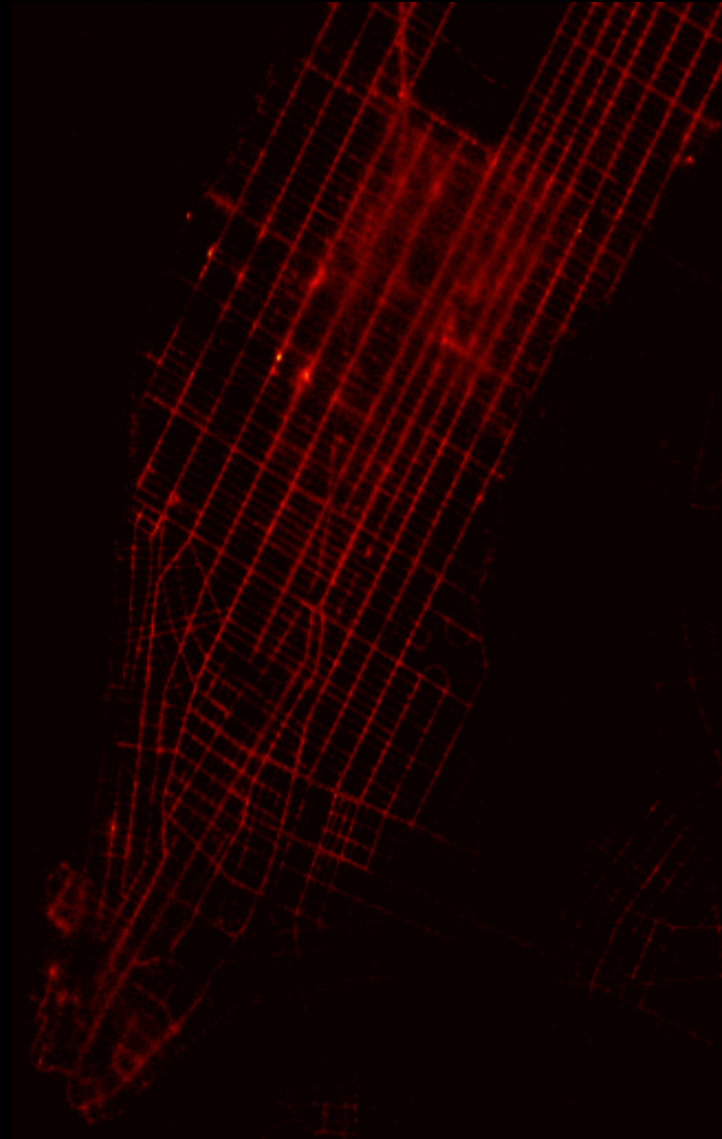


> 1 *Billion* Taxi Rides

Pick-up & drop-off times

Locations

Fare information



Algorithms

Spatial clustering, density estimation

- to combine data from similar locations

Regression (w/ stochastic gradient descent)

- predict demand index at each location
- features:
 - time of day, day of week, etc.
 - weather
 - special events (concerts, sports)