

hackENEI_2016

a 24h coding competition around
smart cities

hackENEI 2016

dataviz

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traffic hackENEL's API

gives us some captured info of new york

for an area on a certain street, it gives us how many cars passed

that area is defined by a street and two of its intersections

traffic hackENEI's API

we wanted to visually display the hackENEI's data
over a map from google
intuitively and hassle free
for greater insight

google maps can't geolocate
intersections!

how do we
pinpoint the data
to a map?

Building Upon hackENEI's API

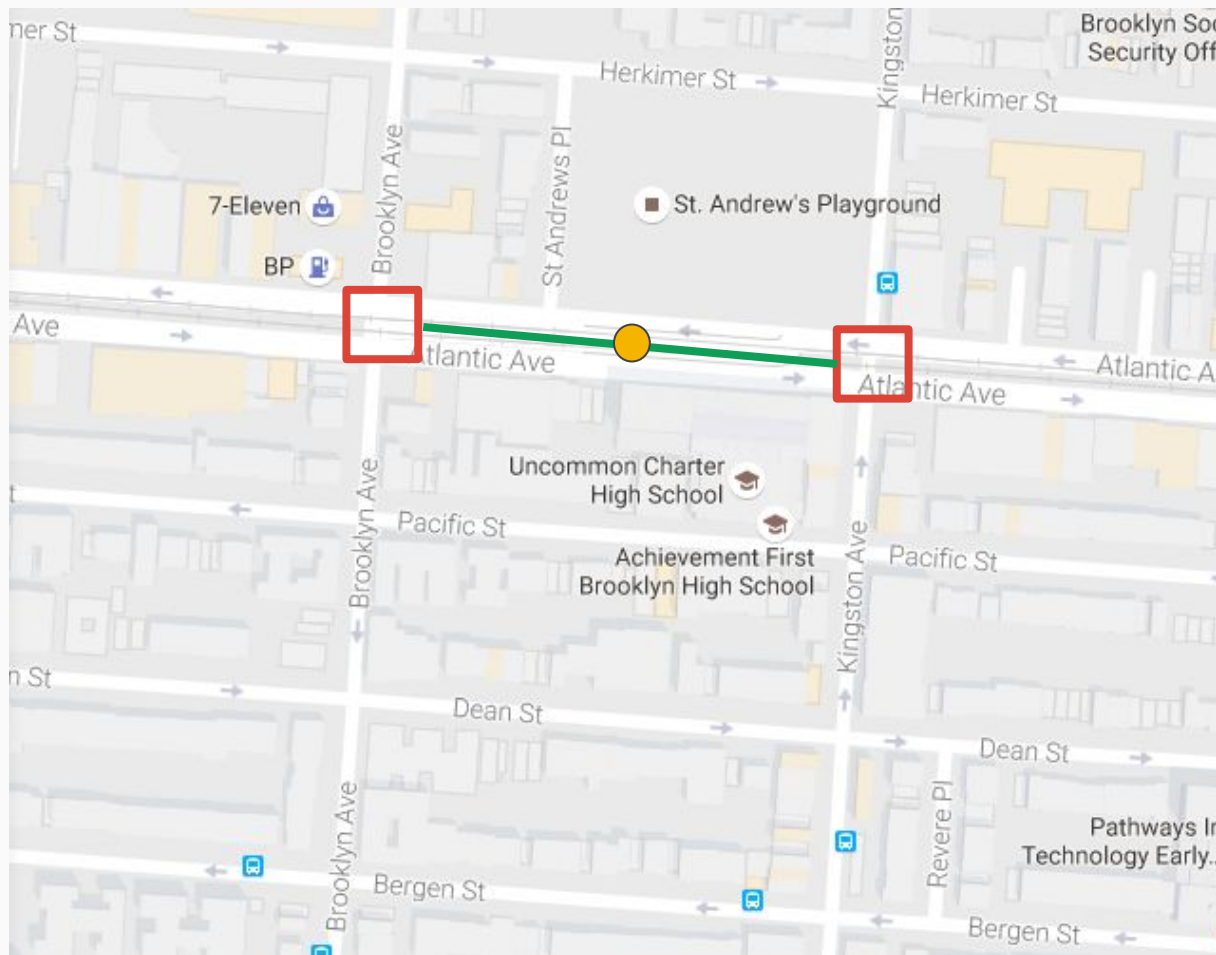


Building Upon hackENEL's API

using 3rd party apis from [here.com](#)

we devised a method of getting geo coords
for each entry of intersections

then the count field is associated to the in
between geocoords of the intersections

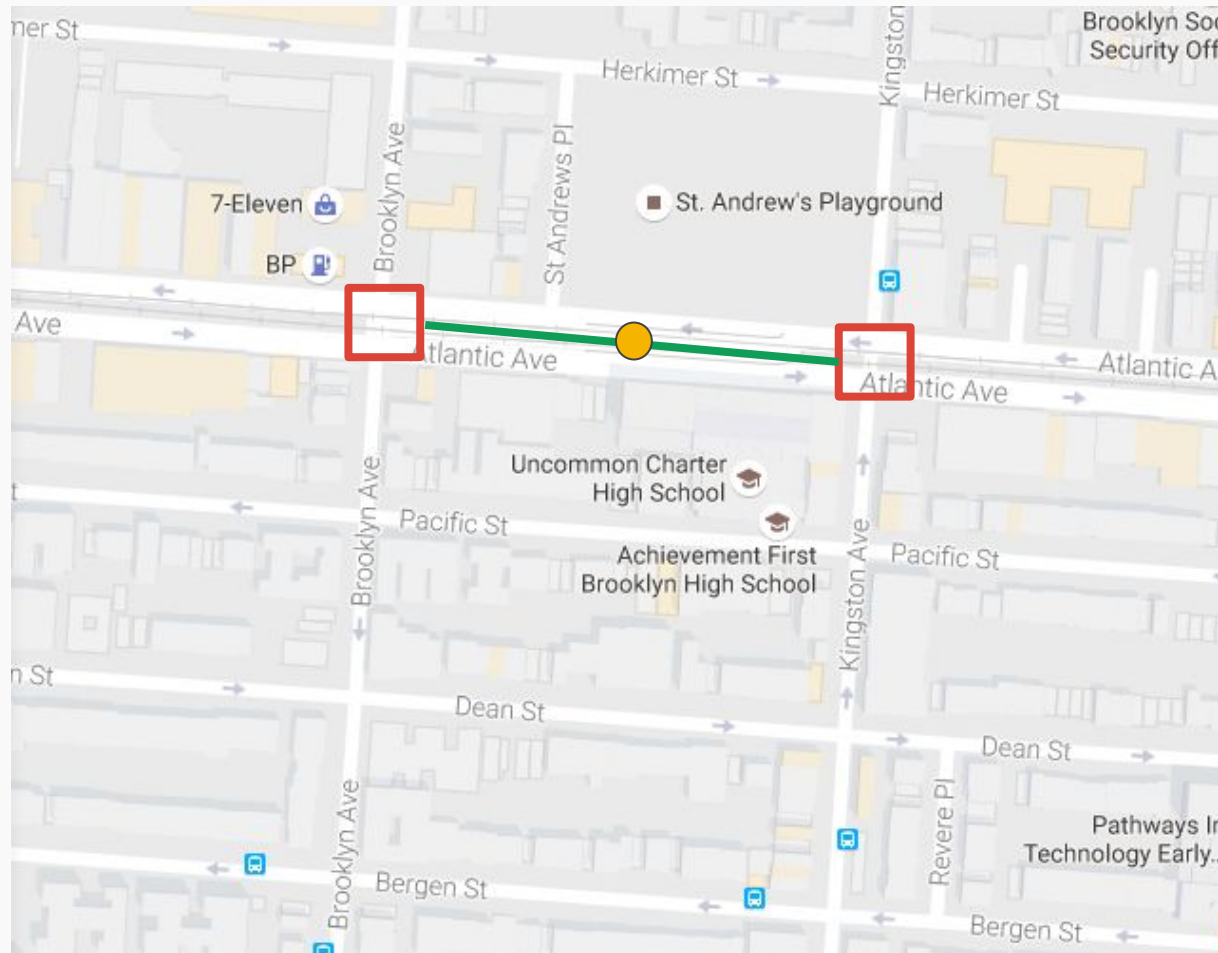


Building Our Database

we associate the intersections to a geographic coordinate using here.com API

then we save it to the database

building our own knowledge and saving time of reconvertng already known data



Tech Used

jquery

bootstrap 3

google maps

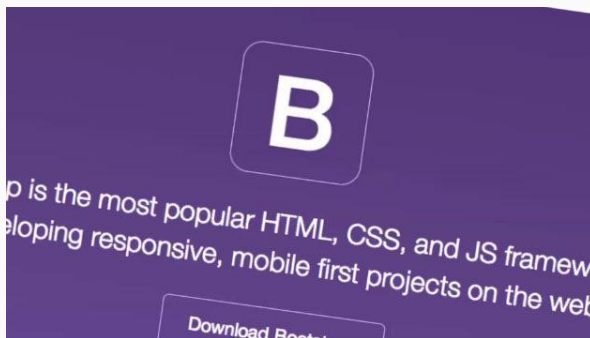
here.com

hackENI

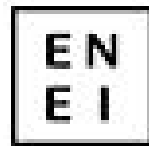
flask python

sqlite3

Google Maps



ubiwhere



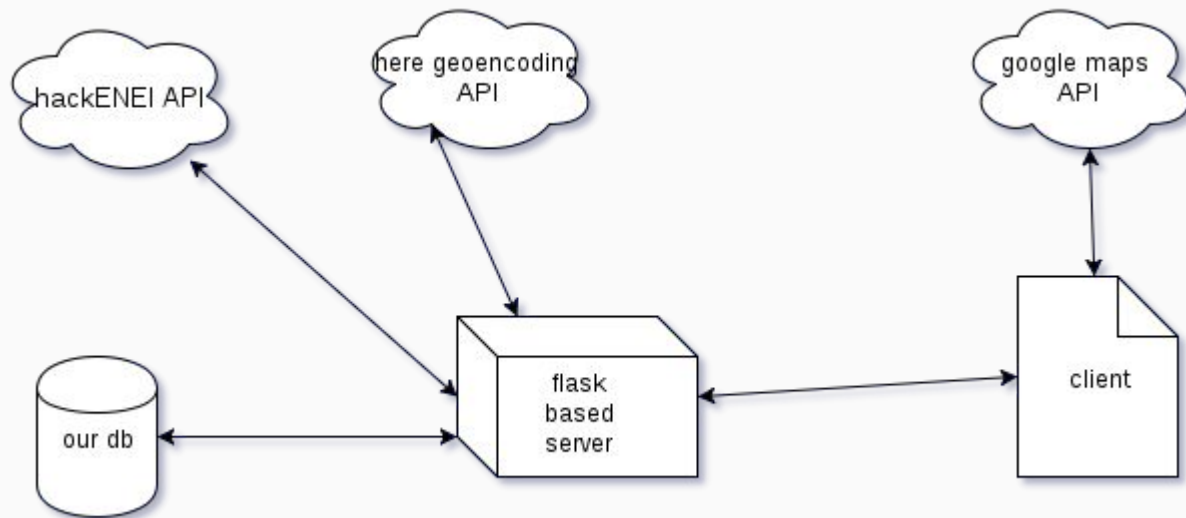
GLOBALDATA
we upgrade your life

Architecture

hackENEI gives us traffic data

here.com gives us coordinates for each road intersection

google maps gives us a great map and heatmapping methods



possible
applications

result

a responsive
webapp which
allows for powerful
traffic dataviz