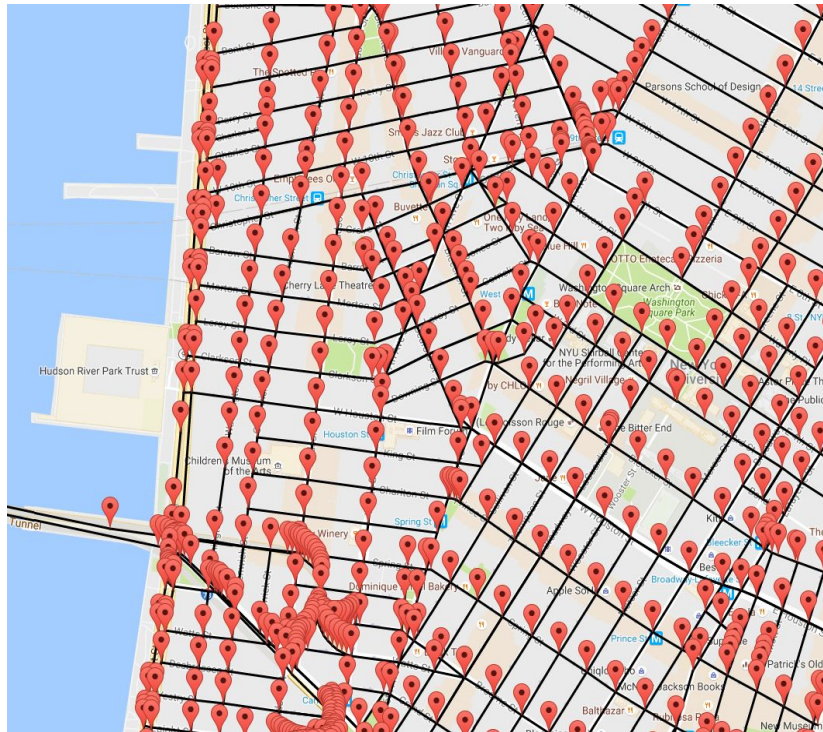# SightWalk

Second Update - 11/17

What was done so far

- Downloaded 200K photos metadata from Flickr

- Pre-processed data in order to compute "interestingness metrics"
  - Touristic vs. Local
  - Popular vs. Unique

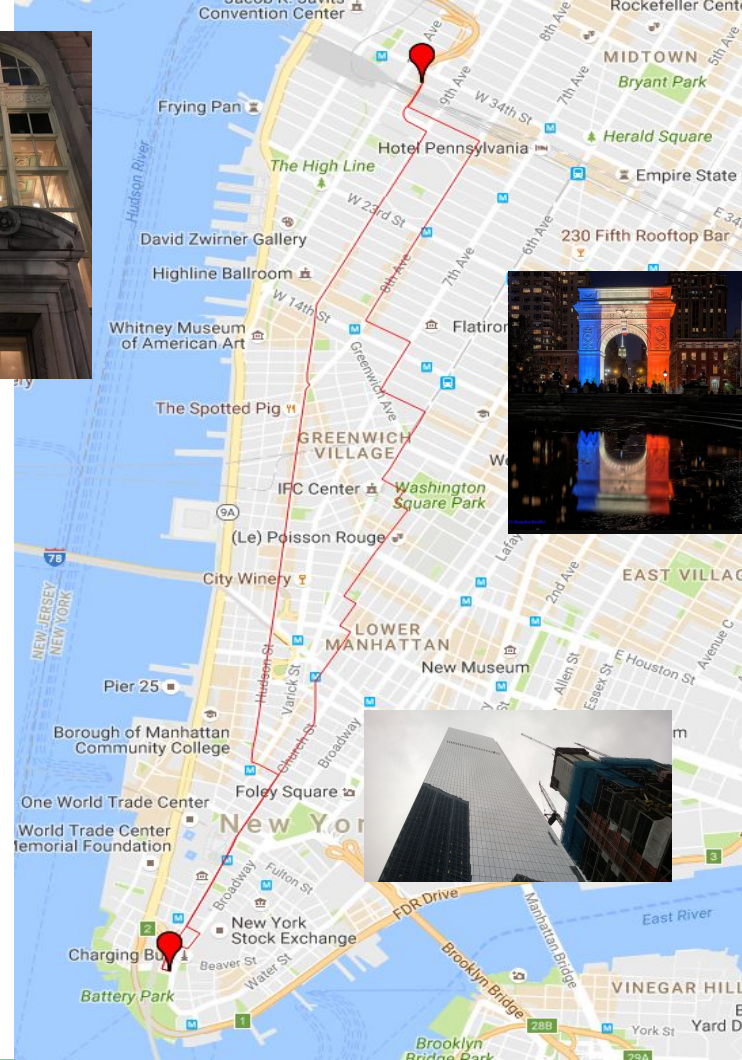- Map interestingness weights to each edge in the Manhattan graph.

Routing Algorithm (Randomized Alternative)

➜ Shortest Path:

◆ Distance: 3.72 mi

◆ Interestingness: 10.5

➜ Suggested Path

◆ Distance: 4.33 mi (**+16%**)

◆ Interestingness: 14.3 (**+36%**)
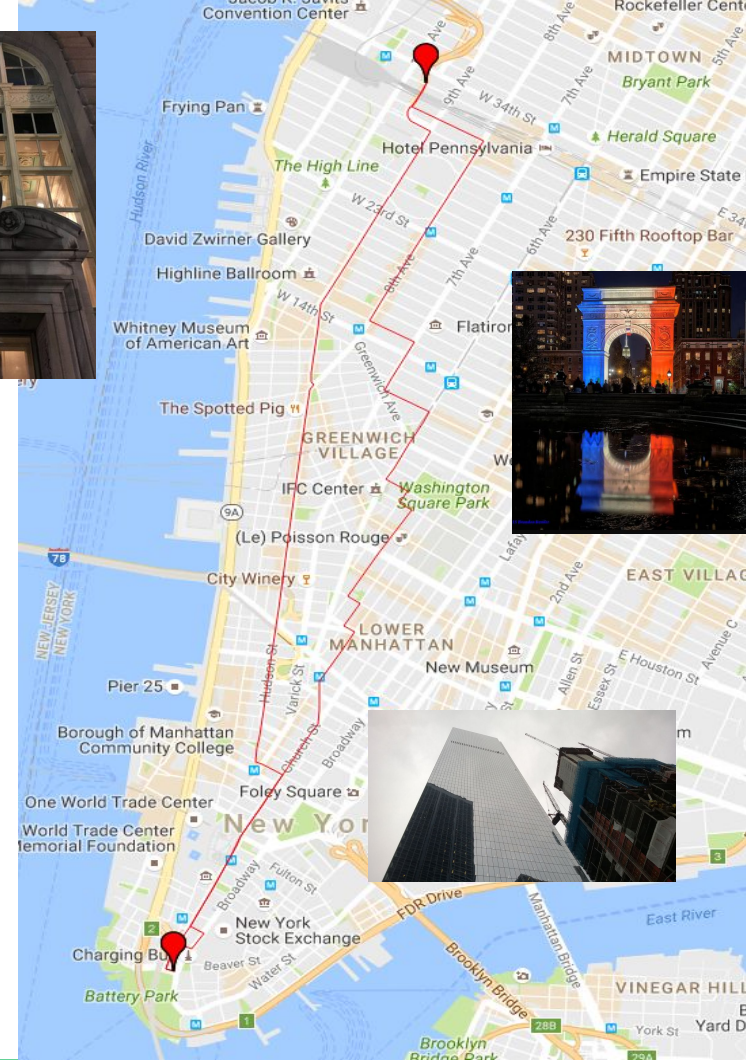
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- Close to real time computation

- Similar routes as Gmaps when computing shortest path

Next steps

- Scrap Flickr's "Likes" since the API is not working for that -> Update interestingness metrics.

- Create V2.0 of the randomized route optimization algorithm adding heuristics.
- Explore A* variants for the route optimization algorithm

- Start creating UI for demo