

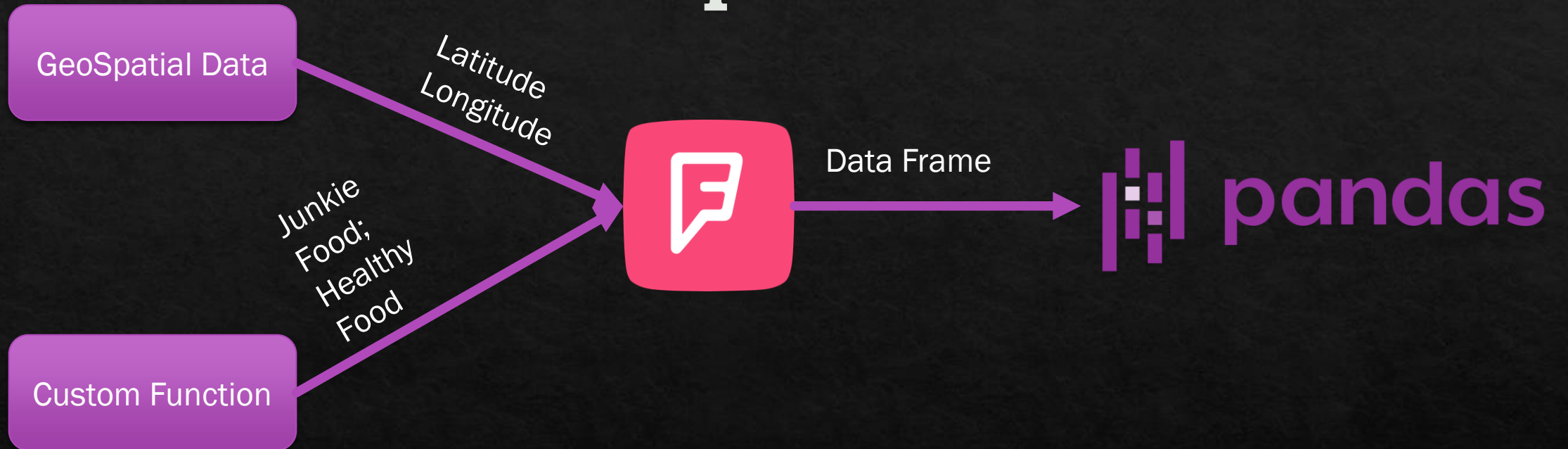
Innova Gym

Gabriel Di Palma

Coursera Final Capstone



Data acquisition



Methodology

- ◇ Custom function was built to do multiple Foursquare calls in sequence.
- ◇ Latitudes and longitudes from the Geospatial data.
- ◇ “junkie food” and healthy venues in separate data frames.
- ◇ Merged by postcode.
- ◇ Distances from each “junkie food” and healthy venues for each neighborhood

Results

- Where considered only the top 10 biggest distances.

	name_health	lat_health	lng_health	postcode	cat_health	name_fastf	lat_fastf	lng_fastf	cat_fastf	distance
48	Lucky Dragon Chinese Food	43.719463	-79.480755	M6L	Chinese Restaurant	0	0.0	0.0	0	90.711531
57	Artisano Bakery Café	43.631006	-79.518172	M8Z	Bakery	0	0.0	0.0	0	90.701733
49	Welcome Food Mart	43.669701	-79.483491	M6N	Grocery Store	0	0.0	0.0	0	90.689957
10	Food Basics	43.786720	-79.416991	M2M	Supermarket	0	0.0	0.0	0	90.688121
41	Lawrence Square	43.716164	-79.447026	M6B	Shopping Mall	0	0.0	0.0	0	90.680389
43	The Healthy Abode Inc. - Environmental Assessment	43.695864	-79.457912	M6E	Construction & Landscaping	0	0.0	0.0	0	90.680143
52	Carload Food Market	43.650150	-79.480454	M6S	Grocery Store	0	0.0	0.0	0	90.677881
50	Annette Food Market	43.662457	-79.470979	M6P	Italian Restaurant	0	0.0	0.0	0	90.675502
56	Ontario Food Market	43.601103	-79.500311	M8V	Grocery Store	0	0.0	0.0	0	90.671691
34	Bruno's Fine Food	43.736642	-79.419870	M5M	Butcher	0	0.0	0.0	0	90.666474

Discussion

- ❖ Method not 100% accurate.
- ❖ Neighborhoods in top 10 don't have any junkie food venues.

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Bad data.

Conclusion

- ◇ Each of the plausible venues where individually analyzed
- ◇ Artisano Bakery Café, Etobicoke, ON M8Z
 - ◇ Good salad choices.

