

Finding Food Deserts

In Toronto, ON

The problem

Food Desert

An urban food desert is defined as an area that has limited access to fresh food. These areas are where people live more than 1.6 kilometers from the nearest grocery store.

Implications

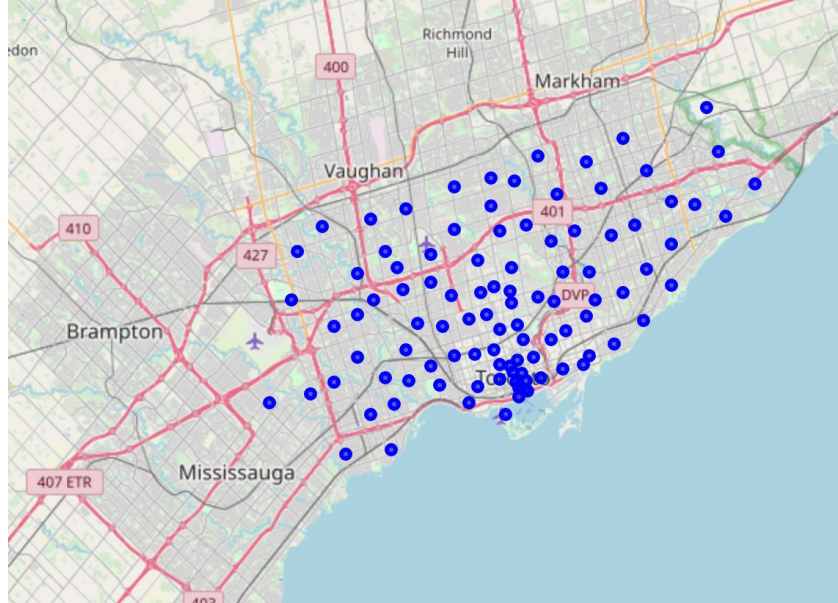
Food deserts impact

- Health
- Community development

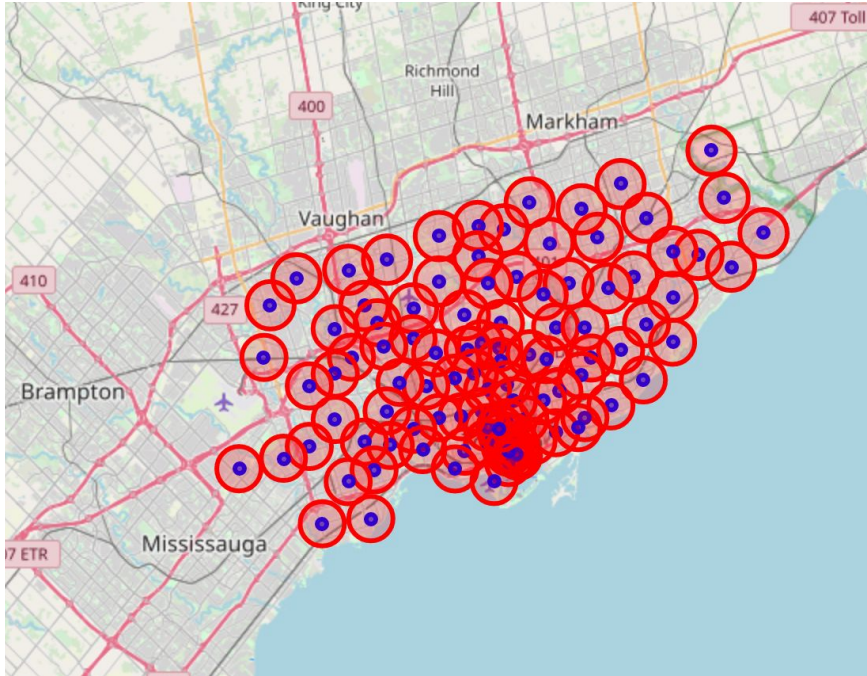
Problem statement

Identify food deserts in Toronto, ON to better inform policymakers.

Implementation



Find and map of centers of
Toronto postal codes

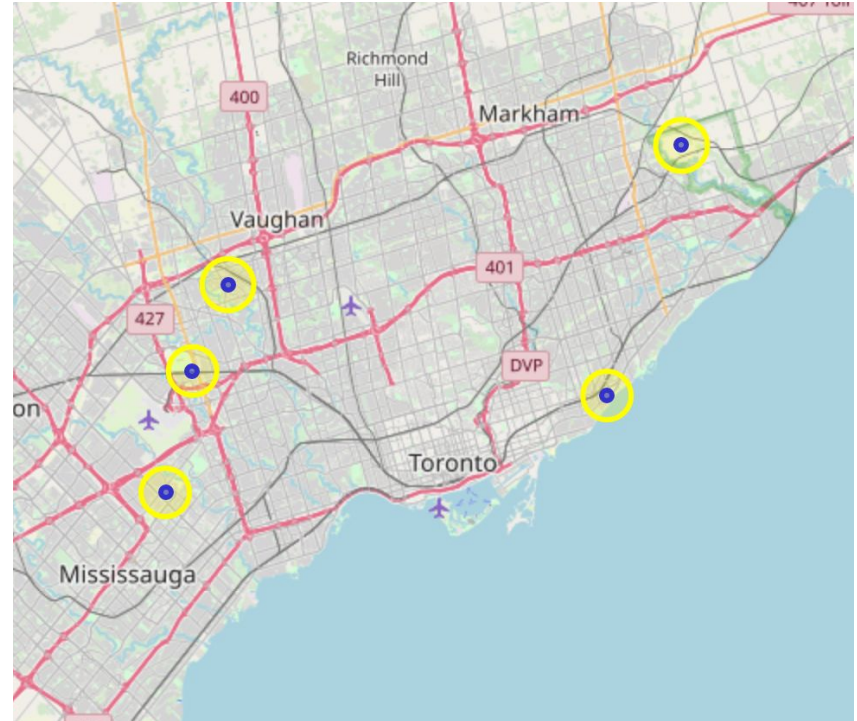


Search areas with a radius
of 1.6 kilometers centered
around post code

Is there a nearby grocery store?

	Postal Code	Latitude	Longitude	Venue	Venue Latitude	Venue Longitude	Venue Distance
0	M1B	43.806686	-79.194353	Fusion supermart	43.800434	-79.200439	850.0
1	M1C	43.784535	-79.160497	Coppa's Fresh Market	43.772094	-79.166340	1462.0
2	M1E	43.763573	-79.188711	Joseph's No Frills	43.769591	-79.187669	675.0
3	M1G	43.770992	-79.216917	Panchvati Supermarket	43.776050	-79.230470	1226.0
4	M1H	43.773136	-79.239476	FreshCo.	43.773475	-79.251392	958.0
5	M1J	43.744734	-79.239476	Stephen's No Frills	43.737627	-79.246737	983.0
6	M1K	43.727929	-79.262029	Rob's No Frills	43.732606	-79.266706	642.0
7	M1L	43.711112	-79.284577	Tom's No Frills	43.708313	-79.295954	967.0
8	M1M	43.716316	-79.239476	No Frills	43.709391	-79.248140	1039.0
9	M1N	43.692657	-79.264848	NaN	NaN	NaN	NaN
10	M1P	43.757410	-79.273304	Highland Farms	43.766246	-79.283132	1261.0

Locate and map all
Toronto area food
deserts.



Conclusion and future direction

Toronto, ON has food deserts which have a negative impact on residents' well-being.

Policy makers may want to:

- Identify available land parcels for grocery stores
- Offer incentives to grocery stores to locate in these areas
- Examine transportation availability

