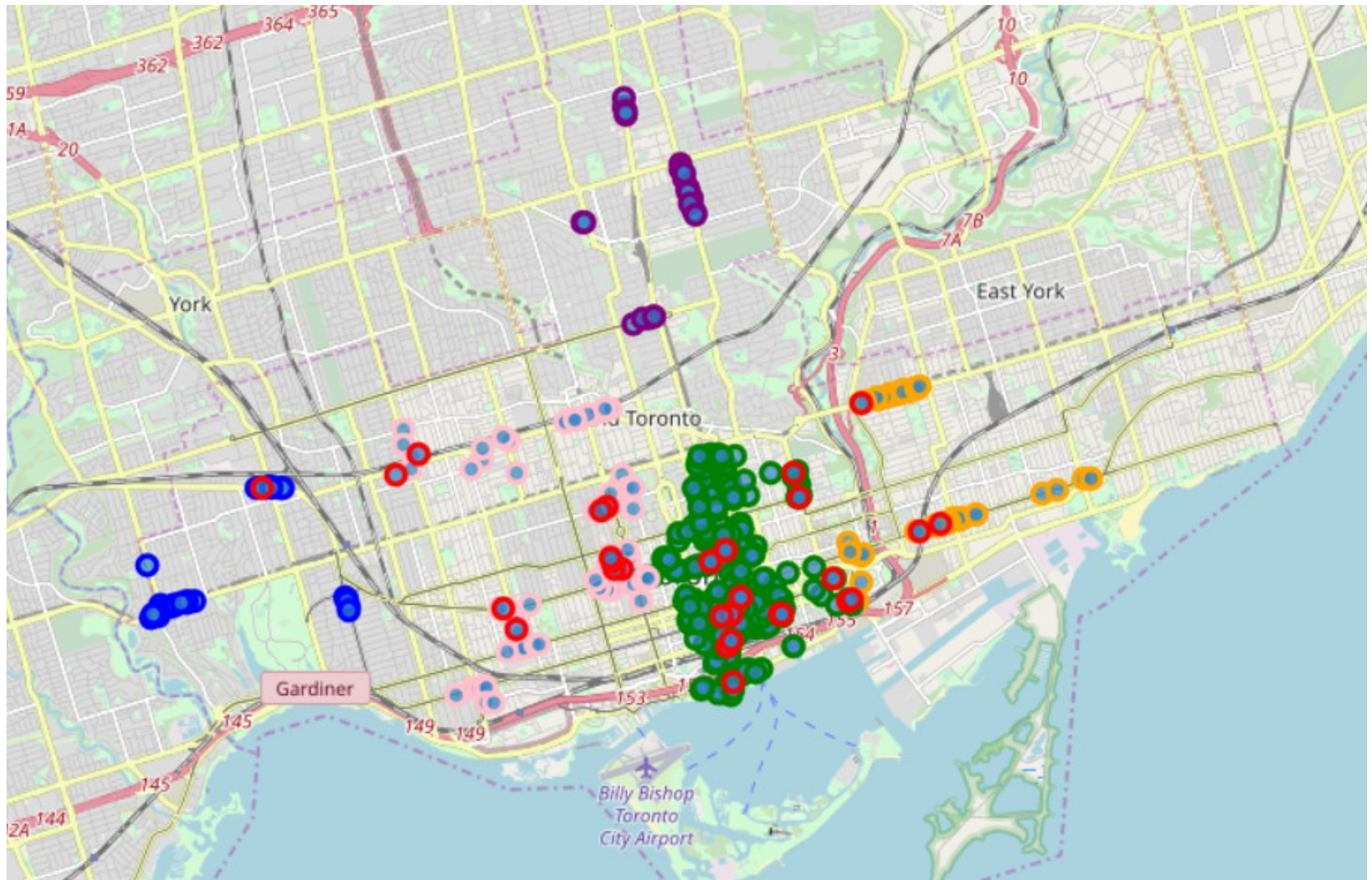


Possible locations for a new bakery.

Suppose you have a client that is looking to open a new bakery in Toronto, Canada. We've collected foursquare venue data then split it into bakeries and related shops.

```
Related Venue    642
Bakery           45
Name: Venue Category, dtype: int64
```

Clustering related venues to look at foot traffic (bakeries overlaid in red)



Looking at the ratio of bakeries to related shopping venues

Out[48]:

	Colour	num_bakeries	num_related	bakeries/related
4	purple	0	27	0.0%
2	orange	3	48	6.25%
1	blue	2	28	7.14%
0	green	31	432	7.18%
3	pink	9	107	8.41%

Conclusion

It looks like there are a lower number of bakeries relative to other shopping venues in the North of Toronto (Eglinton area). For a client looking to open a bakery this would be a good area for further investigation as there should be customers available and lower competition.