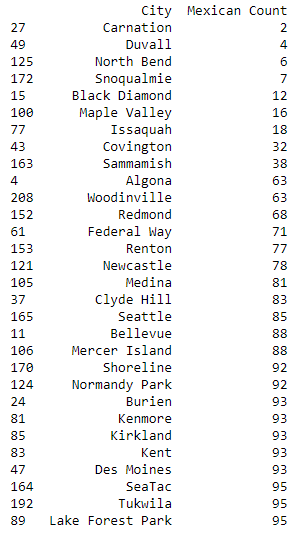
**Introduction/Business Problem**

A business owner is looking to open a Tex-Mex restaurant in Seattle or one of its accompanying suburbs. Which area of the city is best to open a their restaurant?

**Data Needed**

1. List of neighborhoods and their coordinates near Seattle
2. Geocoordinates of neighborhoods near seattle
3. Restaurants located within each neighborhood



# Results[¶](https://render.githubusercontent.com/view/ipynb?commit=af7d05cb8dca3376cdc4c22fe6e7f7fd36b12fed&enc_url=68747470733a2f2f7261772e67697468756275736572636f6e74656e742e636f6d2f636e6576656c6c652f49424d5f4341502f616637643035636238646361333337366364633463323266653665376637666433366231326665642f43617073746f6e655f50726f6a6563742e6970796e62&nwo=cnevelle%2FIBM_CAP&path=Capstone_Project.ipynb&repository_id=283342659&repository_type=Repository#Results)

Overall, the results were varying with some cities in Seattle showing a very large amount of Mexican restaurants will a few pockets remaining for opportunity.

# Future Recommendations

In the future, other variables could be used to increase accuracy. Population and demographic information could help explain why certain cities have a large/minimal amount of restaurants. It also would be helpful to find specific neighborhoods within cities that are high population that are missing certain restaurant types.

# Conclusion

Based on the above results, Carnation is the best city to open a Mexican restaurant. These results will be based on lowest competition alone. Duvall and North Bend are the next best options for opening a restaurant