**The Battle of Neighborhoods – Coursera / IBM Capstone Project**

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**Opening a new vegan restaurant in Manhattan, Ney York**

Discussion

Manhattan is famous for so many things, among them is the diversity of people and cultures -especially different food options. New restaurants there are opening often – you can probably find anything you want to eat there, anytime, and anywhere.

Therefore, the competitivity is big. There can be many factors for success rates of a restaurant and the location of the restaurant can have a major effect on that matter. When one wants to open a new restaurant, he might need data to understand how he can optimize the success probabilities of his new place.

As New York being a leader of many food trends, we will explore a specific one – the vegan kitchen.

For those aiming to open a new vegan restaurant in New York or people that are thinking of investing in one, we will use data science methods to see what can be the best spot for opening one.

Data

We will use the following for this project:

* For exploring Manhattan population by census data we will us <https://cocl.us/new_york_dataset>.
* By using Foursquare API we will get information about current venues in Manhattan.
* Folium library will help us visualize the previous information.