

# **Capstone**

**Capstone Project - The Battle of Neighborhoods**  
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## **Part 1:**

### **Problem Description:**

One contractor who provides meat for distinguished restaurants want to build a new warehouse and improve his business. Bronx is a very crowded area of NY and this contractor wants to get advantage of this potential. There are many different cultural restaurants in Bronx and all of them are famous with using different kind of meat in their dishes. This is actually a big problem for this contractor. Because he needs to provide different kind of meat ( e.g. pork, beef, lamp, deer, chicken) and he needs to define which restaurants to do business with. Since he wants to work with distinguished restaurants, he has to find the top 5 restaurants and where they are located. Then he can build his warehouse close to this restaurants and this will reduce transportation cost and thus increase his profit.

### **Business problem:**

Can I make cluster using Foursquare data and then help the contractor decide where to build a warehouse?

So my mission is to find the top five restaurants (in each neighborhood), analyze the best location to reduce transportation cost.