**Capstone Project**

**The Battle of the Neighborhoods, Turin**

**Applied Data Science Capstone by IBM/Coursera**

**Introduction: Business Problem**

In this project we will try to find an optimal location for a restaurant. Specifically, this report will be targeted to stakeholders interested in opening a **vegetarian/vegan restaurant** in **Turin**, Italy.

Since there are lots of restaurants in Turin (particularly in the center) we will try to detect **locations that are not already crowded with restaurants**. We are also particularly interested in **areas with no vegetarian or vegan restaurants in vicinity**. We would also prefer locations **as close to city center as possible**, assuming that first two conditions are met.

We will use our data science powers to generate a few most promising neighborhoods based on these criteria. Advantages of each area will then be clearly expressed so that best possible final location can be chosen by stakeholders.