

**Swapna Kasturi**

**Richard Nwokoye**

**Christopher Vasiliades**

### **Group Seven Projects Details**

- 1. The kind of data you'd like to work with/field you're interested in (e.g., geodata, weather data, etc.)**

The field that we are interested in is the fitness field, more specifically gyms. We want to know whether the number of gyms in a particular area has an impact on the obesity rates for that area. We will primarily look at geodata and health data.

- 2. The kinds of questions you'll be asking of that data.**

What we ultimately want to know is whether gyms work. Do the number of gyms in a particular area affect the obesity rates for that area? We can explore themes such as population characteristics, obesity levels, the pervasiveness of gyms, and other health barometers like heart disease, etc.

But fundamentally we want to know is the following: does having a higher number of gyms in a particular area lead to better health outcomes in terms of weight and obesity.

- 3. Possible source for such data**

Possible data sources will be Google Maps to find the number and location of gyms, census data to find population characteristics like age, gender, race, income, etc., and CDC health data to determine obesity rates by location.