**Hypothesis**

The San Francisco Bay Area, located in northern California, is popular destination for travel, food, and a hot bed for tech job opportunities. The Bay Area is home to the second highest concentration of fortune 500 companies in the United States. The bay area consists of nine counties that border this area. The bay area is broken up into 5 regions, and 9 counties. The county of San Francisco lies in the county of San Francisco. South of San Francisco down to the San Francisco peninsula is the county of San Mateo. The following counties are in the north bay region: Solano, Sonoma, Napa, and Marin. The counties in the east bay are Alameda and Contra Costa County. The south bay is composed of Santa Clara county.

The Bay Area is home to approximately 7,750,000 people living across the nine bay area counties. The population is ethnically diverse. Per the 2010 census, 42.4% of the residents are Caucasian, while the rest of population is comprise of culture such as 23.5% are Hispanic, 23 % are Asian, 3.5 % are composed of 2 or more races, 6.4 % are Black, 0.3 % are American Indian, 0.6 % are of Native Hawaiian and Other Pacific Islander, and 0.3 % make up other races.

An ethnically diverse population in the bay area yields a diverse ethnic cuisine. The San Francisco Bay area is known for its food culture and is a haven for gourmands. Because of this unique food culture, gourmands (aka foodies) from all over the world can be found here in this lush region.

Our mission is to determine if there is prime location for a foodie either live or visit, based on the variety of cuisine choices and the area with the highest overall average ratings. We are creating data based on the geographical region of the Bay Area using an Yelp API. The top priorities are to collect, report on, analyze, and draw insights to meet our key objective of summarizing counties that offer most more variety of restaurants and have the best overall ratings.