

For the final project I will be focusing on the restaurant analysis. I want to find the best performing restaurants and why they are performing well. Assuming the higher rated more expensive restaurants will be performing better, I'll start by filtering the data to remove any restaurants with a null value in the rating column. Using Tableau I'll compare the data for the restaurants to determine their performance factors. Before uploading to Tableau I will remove and cells with too few of ratings. I'll set up graphs comparing the review ratings with the cost of the restaurant to see if restaurants that are more costly end up with a higher review. After I'll create a relationship between the restaurant and orders table connecting the r_id column with the ID column in the restaurant data. Using the data between the two tables I'll compare the revenue generated for the restaurants. At this point I'll be able to take the information acquired to determine what restaurants are popular and what restaurants generate the most revenue. The questions I will be answering with this analysis are the following:

- Does the price of the restaurant affect the popularity?
- Is the rating of a restaurant a factor in popularity?
- How does the revenue correlate with restaurant ratings?
- Does the city they are located in have an affect on restaurants popularity?
- Does the type of food the restaurant is selling change revenue?