

## **ANALYSIS :**

### **Analysis of All Frequent Businesses :**

1. 1072 out of 1212 frequent businesses, are from Las Vegas, which might be indicative that Las Vegas is the largest city in the state of Nevada.
2. Distribution of ratings :

Rating	2	2.5	3	3.5	4	4.5	5
Number of Ratings	3	30	103	313	510	245	8

3. Most of the businesses are eateries characterized by tags such as Restaurants, Cafes, Gastropubs, Burger, Food, etc.

### **Analysis of the Frequent Itemsets with the highest number of items :**

Category	Ratings	Average Rating
Asian Fusion/ Ramen/ Sushi	4, 4, 3.5	3.83
Restaurants/ Japanese/ Noodles/ Ramen/ Sushi Bars	3.5, 4, 4	3.83
Japanese/ Asian Fusion/ Ramen/ Sushi Bars	3.5, 4, 4	3.83
Cinema/ Restaurant/ Steakhouses/ Airport/ Airlines	3.5, 4, 3.5	3.67
Cinema/ Restaurant/ Steakhouses/ Shopping	3.5, 4, 4	3.83
Restaurant/ Steakhouses/ Airport/ Airlines/ Shopping	4, 3.5, 4	3.83
Cafes, American, Restaurants/ Meat Shops, Butcher, Steakhouses, Restaurants/ American, Restaurant, Caribbean	4, 4.5, 4.5	4.33
Restaurants/ Japanese/ Sushi Bars/	3.5, 4, 4	3.83
Restaurants/ Pizza/ Buffets/ Breakfast & Brunch	4, 3.5, 4	3.83

1. Most of the frequent itemsets contain businesses of similar nature such as Asian food restaurants, or eateries except 3 sets of businesses marked in the table above.
2. Most of the frequent itemsets contain businesses having similar ratings, most of them having an average rating of 3.83.