

Columbia Bootcamp project 1

Team 11

Write-up for findings

1. *Most popular fast food restaurant by state?* We found the most popular fast food restaurant by state by creating a dataframe from the fast food dataset. McDonald's shows up for most states as being the most popular fast food restaurant.
2. *Correlation between white collar jobs and fast food restaurants?* There was no correlation between white collar jobs and fast food restaurants. This is probably because everyone is looking to save money regardless of their job or title.
3. *Correlation between unemployment rate and fast food restaurants?* There was no correlation between unemployment rate and fast food restaurants. If someone is unemployed they would be trying to save money just as a rich person would. A lot of rich people stay rich by being cheap (by doing things like getting fast food).
4. *Correlation between income and fast food restaurants?* We found no correlation between income and fast food restaurants. This is likely because everyone regardless of income is trying to save money. Even rich people like to get fast food on the go if they work late.
5. *Is there a correlation between what state you live in and the amount of fast food restaurants available?* Based on our analysis of the "fast food restaurants across america" there is a difference between the amount of fast food restaurants available and the state you live in. California and Texas seem to have the greatest amount of fast food restaurants. Texas having a lot of fast food restaurants is not really surprising based on the fact that people in the Southern states tend to be bigger than others in different parts of the US. Eating a lot of fast food can make you obese. Alaska seems to be one of the states with the least amount of fast food restaurants. This is not surprising based on the fact that Alaska is the least densely populated state in the US because of how cold the weather can get.
6. *What are the most common fast food restaurants across America?* Based on our analysis McDonald's is the most common fast food restaurant across America. This is not that surprising based on McDonald's being so well known throughout commercials on television. A hamburger and fries is common American food that McDonald's sells. McDonald's is kid-friendly as well which has grown its presence.
7. *Is there a correlation between what city you live in and the amount of fast food restaurants available?* Our analysis for cities across America supports the analysis we did for states across America. Houston, Texas has the most fast food restaurants across

America. This is not really surprising based on our previous analysis showed Texas was one of the states that had the most fast food restaurants across America.