Goal

To analyze Restaurant Reviews. This involves converting restaurant reviews into a time-series data set.This needs to be written in R or Python Notebook.

Activities

1) Included in this zip file is the *Restaurant Reviews Dataset* dataset from Wake County. Read each ofthe review files into R (or Python) and create a data frame. **5 points**

2) Convert the reviews for into time-series data by month. This involves using control-break logic which is explained in week 4 notes and also *WK04 NotesB - Single Level Control Breaks*. Produce the table listed below.

Reviews by Date

Month/Year	Number of Reviews	Average	Std. Dev.
2011-03			
:			
2015-12			

3) There are 198 different restaurants. Count the total number of reviews for each restaurant along with the review average and standard deviation. Sort the results in descending order by the number of reviews. Display the top 20 restaurants by review count. Produce the table listed below.

Reviews by Restaurant (Top 20 Most Reviewed)

Restaurant Name	Number of Reviews	Average	Std. Dev.

4) There are 198 different restaurants. Determine the average review for each restaurant along with the review count and standard deviation. Sort the results in descending order by review average. Display the top 20 restaurants by review average. Produce the table listed below.

Reviews by Restaurant (Top 20 with the Highest Average)

Restaurant Name	Number of Reviews	Average	Std. Dev.

If there are no reviews for a given month, then place a zero in that cell.

5) Create a plot of each of the tables above. Include a legend for each of the plots

6) Provide an interpretation of the plot. This should be 1 to 2 pages in length.