

# Restaurant

Selim Ach

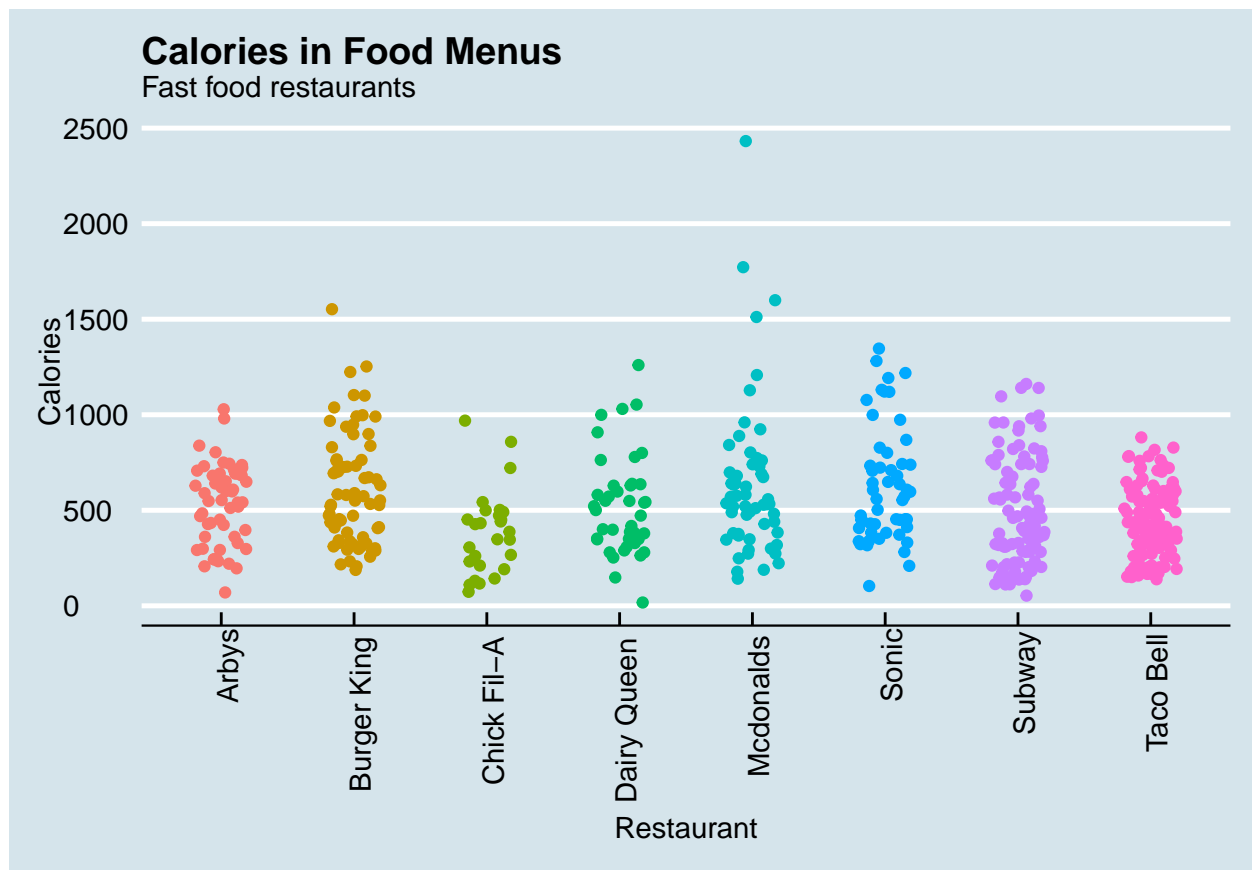
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Very often data are presented in tabular format and the challenge is to be able to process information in order to provide relevant insights.

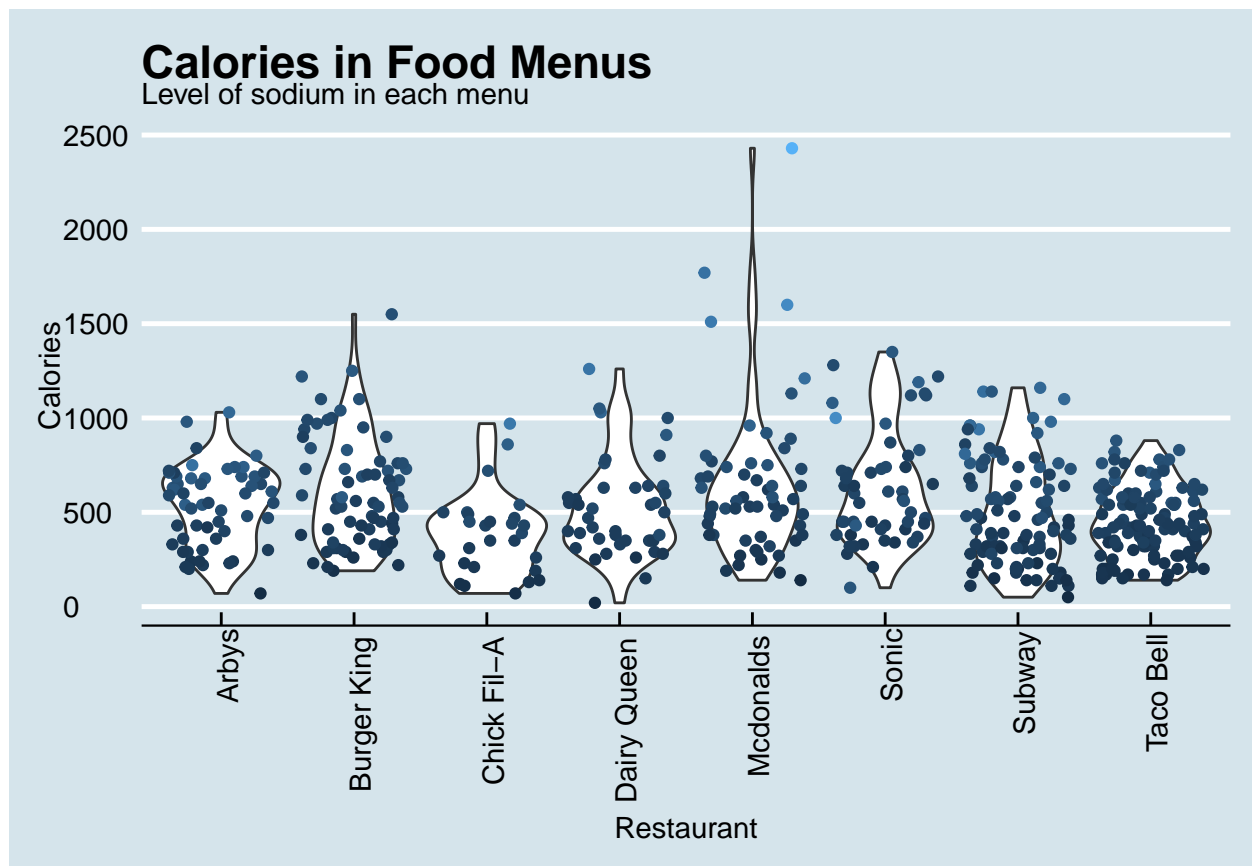
It is also sometimes useful to display all the data sample, for a first visual inspection (e.g. identify potential outliers) and take a decision on how to narrow the sample to the variables of interest.

Hereafter is an example of how data can be presented to have a first glance at the information and another chart with an additional layer of information.

```
## # A tibble: 15 x 18
##       X1 restaurant item  calories cal_fat total_fat sat_fat trans_fat
##   <dbl> <chr>      <chr>    <dbl>  <dbl>    <dbl>  <dbl>    <dbl>
## 1     1     1 Mcdonalds Arti~    380     60        7      2        0
## 2     2     2 Mcdonalds Sing~    840    410       45     17     1.5
## 3     3     3 Mcdonalds Doub~   1130    600       67     27      3
## 4     4     4 Mcdonalds Gril~    750    280       31     10     0.5
## 5     5     5 Mcdonalds Cris~    920    410       45     12     0.5
## 6     6     6 Mcdonalds Big ~    540    250       28     10      1
## 7     7     7 Mcdonalds Chee~    300    100       12      5     0.5
## 8     8     8 Mcdonalds Clas~    510    210       24      4      0
## 9     9     9 Mcdonalds Doub~    430    190       21     11      1
## 10    10    10 Mcdonalds Doub~    770    400       45     21     2.5
## 11    11    11 Mcdonalds File~    380    170       18      4      0
## 12    12    12 Mcdonalds Garl~    620    300       34     13     1.5
## 13    13    13 Mcdonalds Gril~    530    180       20      7      0
## 14    14    14 Mcdonalds Cris~    700    300       34      9      0
## 15    15    15 Mcdonalds Hamb~    250     70        8      3      0
## # ... with 10 more variables: cholesterol <dbl>, sodium <dbl>,
## #   total_carb <dbl>, fiber <dbl>, sugar <dbl>, protein <dbl>, vit_a <dbl>,
## #   vit_c <dbl>, calcium <dbl>, salad <chr>
```



This chart is an overview of the fast food restaurants and associated menus with an indication of their level of calories.



In addition to the level of calories per menu, this chart allows also to display the level of sodium.