

restaurant

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```
library(readr)
library(ggplot2)
library(ggthemes)
```

```
food_data <- read_csv("Data/fast_food.csv")
```

```
## Parsed with column specification:
## cols(
##   X1 = col_double(),
##   restaurant = col_character(),
##   item = col_character(),
##   calories = col_double(),
##   cal_fat = col_double(),
##   total_fat = col_double(),
##   sat_fat = col_double(),
##   trans_fat = col_double(),
##   cholesterol = col_double(),
##   sodium = col_double(),
##   total_carb = col_double(),
##   fiber = col_double(),
##   sugar = col_double(),
##   protein = col_double(),
##   vit_a = col_double(),
##   vit_c = col_double(),
##   calcium = col_double(),
##   salad = col_character()
## )
```

```
head(food_data, 15)
```

```
## # 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 Mcdonalds  Doub~      430      190      21      11      1
## 10     10 Mcdonalds  Doub~      770      400      45      21      2.5
## 11     11 Mcdonalds  File~      380      170      18       4      0
## 12     12 Mcdonalds  Garl~      620      300      34      13      1.5
## 13     13 Mcdonalds  Gril~      530      180      20       7      0
## 14     14 Mcdonalds  Cris~      700      300      34       9      0
## 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>
```

```
ggplot(food_data, aes(x = restaurant, y = calories, colour = restaurant)) +
  geom_jitter(width = 0.2) +
  theme_economist() +
  theme(axis.text.x = element_text(angle = 90, hjust = 1)) +
  theme(legend.position = "none") +
  theme(plot.title = element_text(size = 12, face = "bold"),
        legend.title = element_blank(),
        legend.text = element_blank()) +
  labs(title = "Calories in Food Menus",
        subtitle = "Fast food restaurants",
        x = "Restaurant", y = "Calories")
```

