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 Mcdonalds  Arti~      380      60         7       2       0
##  2     2 Mcdonalds  Sing~      840     410        45      17       1.5
##  3     3 Mcdonalds  Doub~     1130     600        67      27       3
##  4     4 Mcdonalds  Gril~      750     280        31      10       0.5
##  5     5 Mcdonalds  Cris~      920     410        45      12       0.5
##  6     6 Mcdonalds  Big ~      540     250        28      10       1
##  7     7 Mcdonalds  Chee~      300     100        12       5       0.5
##  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")
```