

A composite image of the New York City skyline at night, featuring the Empire State Building and the Statue of Liberty, with a large commercial airplane flying over the city against a starry night sky. The text "NEW YORK FOODIES" is overlaid in large white letters.

NEW YORK FOODIES



Do you know where you will eat at?

Data Info

- ❖ Our data set came from an online food ordering / delivery app of New York restaurants
- ❖ We got information on over 1000 different restaurants
- ❖ Our analysis is meant to assist someone deciding where to eat



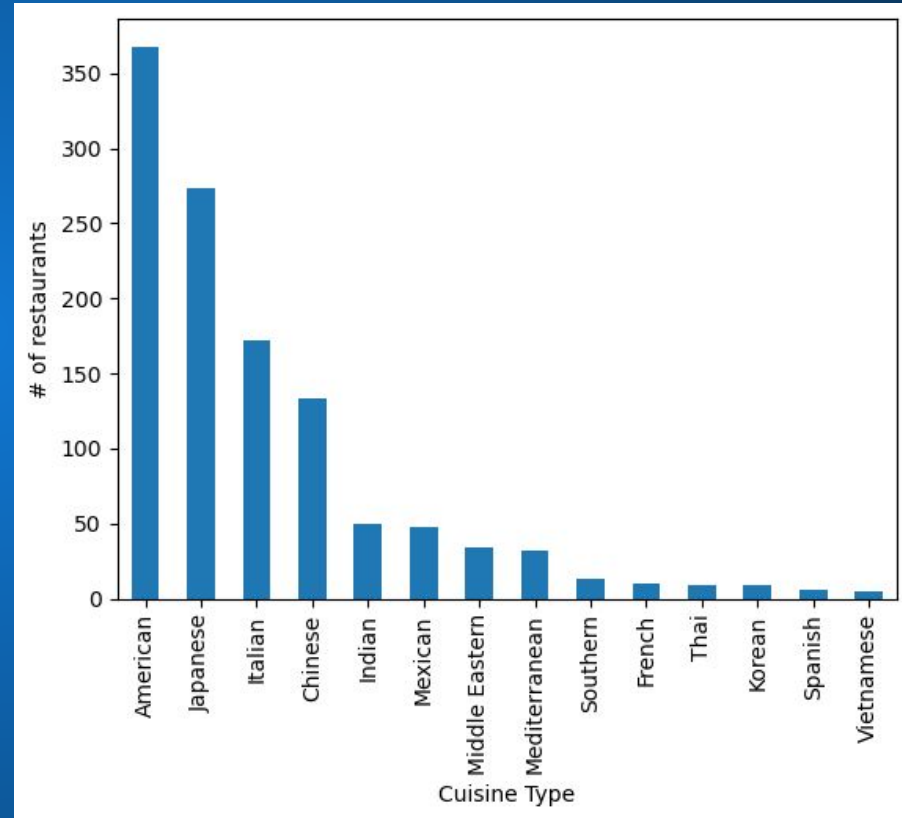
The Data Set

- ❖ **restaurant_name**: Name of the restaurant
- ❖ **cuisine_type**: Cuisine ordered by the customer
- ❖ **cost**: Cost of the order
- ❖ **day_of_the_week**: Indicates whether the order is placed on a weekday or weekend
- ❖ **rating**: Rating given by the customer out of 5
- ❖ **food_preparation_time**: Time (in minutes) taken by the restaurant to prepare the food.person's pick-up confirmation.
- ❖ **delivery_time**: Time (in minutes) taken by the delivery person to deliver the food package.

Amount of Restaurants and type of Cuisine

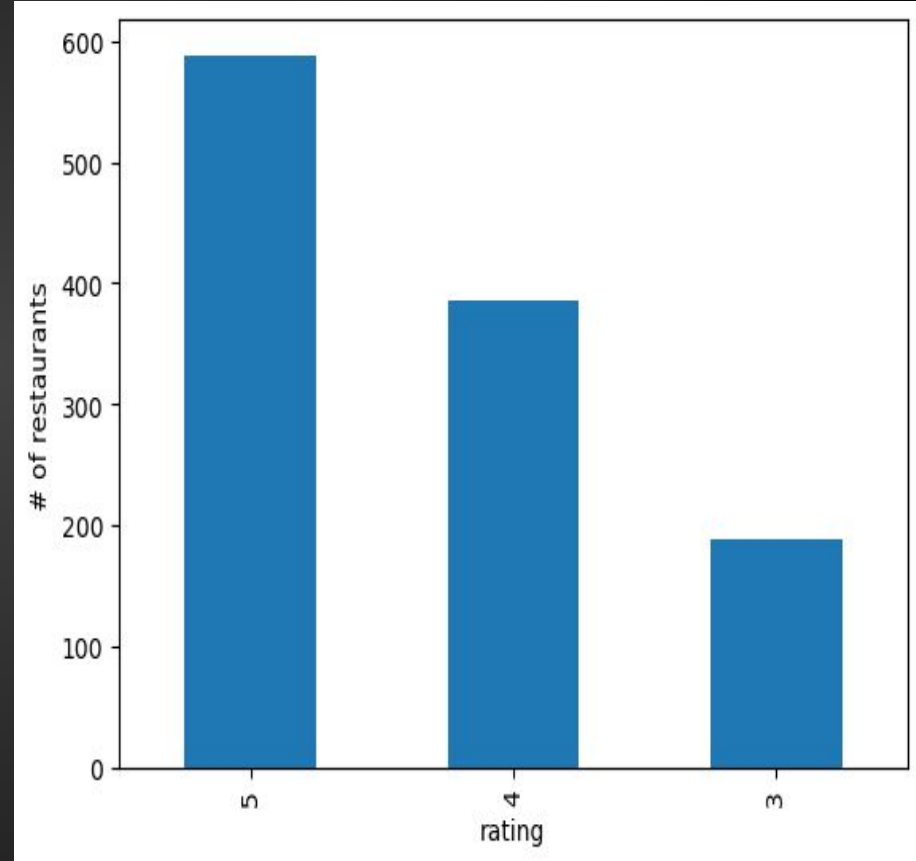
By far most restaurants
serve 4 popular cuisine types

- American
- Japanese
- Italian
- Chinese



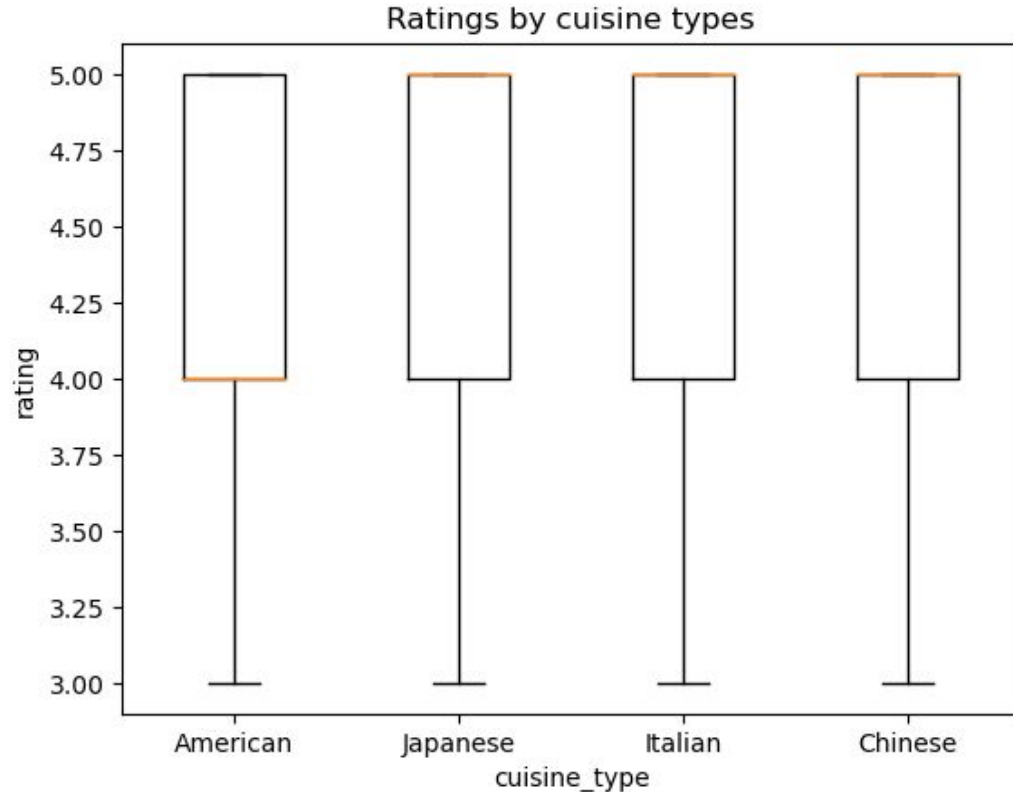
Ratings

- ❖ Most restaurants are rated highly
- ❖ We will look closer at the four most numerous restaurants to find more insights
- Limitation- None of the data had a rating below 3.



Ratings vs. Cuisine Type

- ❖ American cuisine had the lowest median for the rating compared to Japanese, Italian and Chinese
- ❖ The median for Japanese, Italian and Chinese were the same.
- Limitations: American had the most restaurants, but lowest median rate

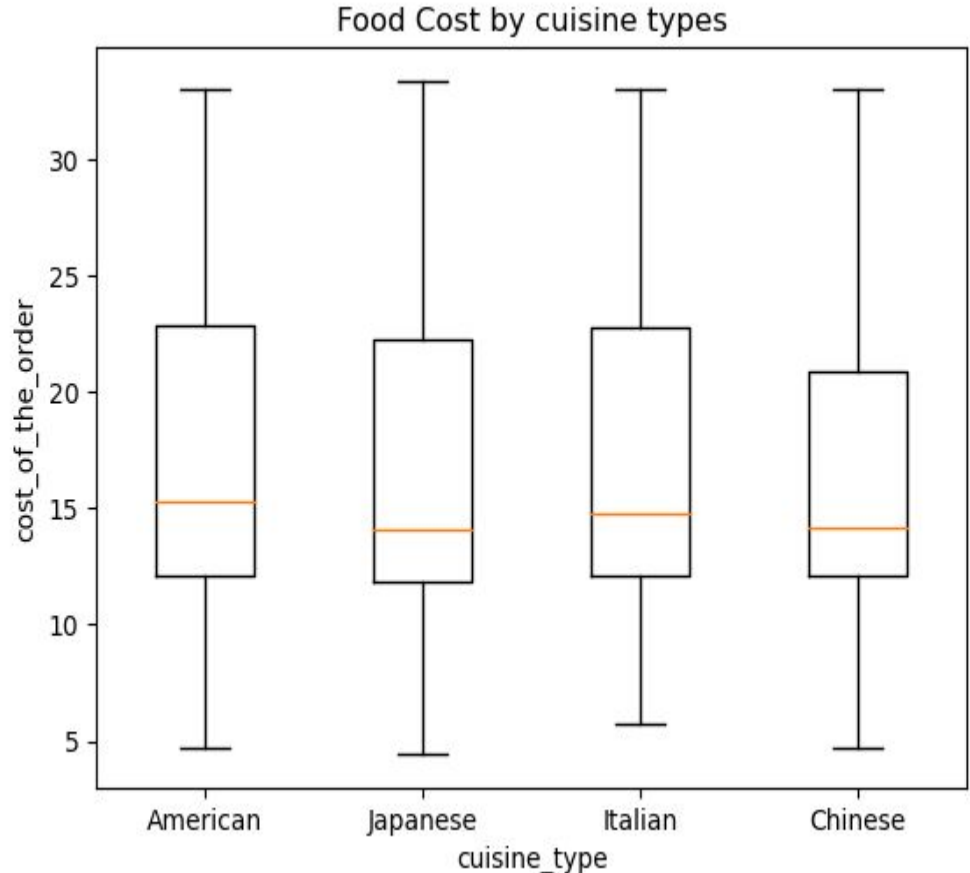


Average Cost for Cuisine Types

| | Mean Food cost | Median Food cost | Food Cost Variance | Food Cost Std. Dev. | Food Cost Std. Err. |
|----------------|----------------|------------------|--------------------|---------------------|---------------------|
| cuisine_type | | | | | |
| American | 16.812989 | 15.305 | 57.271836 | 4.649993 | 0.242398 |
| Chinese | 16.186541 | 14.160 | 53.909750 | 4.755326 | 0.412339 |
| French | 20.087000 | 17.825 | 66.762179 | 4.526465 | 1.431394 |
| Indian | 16.663400 | 15.960 | 63.009660 | 4.426451 | 0.625995 |
| Italian | 17.135930 | 14.770 | 53.993886 | 4.693025 | 0.357840 |
| Japanese | 16.345641 | 14.070 | 57.335216 | 4.686472 | 0.283638 |
| Korean | 13.142222 | 12.180 | 42.932519 | 3.968627 | 1.322876 |
| Mediterranean | 15.892500 | 13.995 | 56.030568 | 4.844352 | 0.856368 |
| Mexican | 16.319375 | 13.580 | 65.254717 | 4.570905 | 0.659753 |
| Middle Eastern | 20.075882 | 17.970 | 66.257795 | 4.139394 | 0.709900 |

Cost Of order vs. Cuisine Type

- ❖ The median of cost of the order is pretty similar overall
- ❖ With around 15 dollars you can find a decent meal at most places.
- ❖ The minimum food cost for American, Japanese and Chinese were similar.
- ❖ The minimum Italian food cost was the highest.



Cost

Using

- ◆ Is there a relationship between *cost of the order* and *delivery time*?

27

The correlation between both factors is -0.1

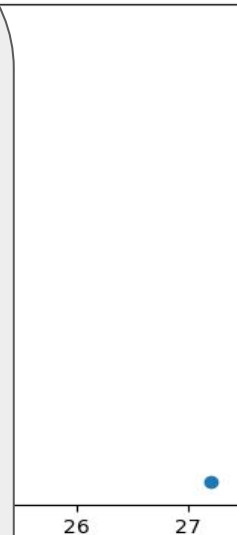
Rat

Using

- ◆
- ◆
- ◆

Is there a relationship between
ratings and *delivery time*?

me



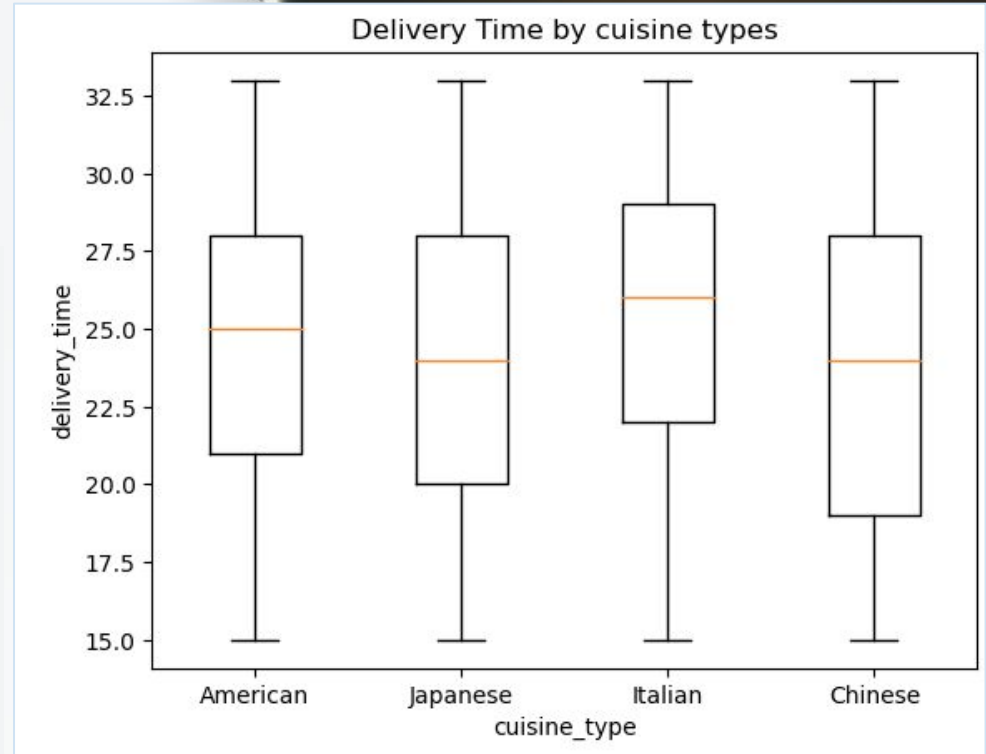
```
d(correlation[0],2)}")
```

CUISINE Types

VS

Delivery Time

- ❖ The minimum delivery time for our cuisine types is 15 minutes
- ❖ Japanese and Chinese have the **lowest median delivery time**
- ❖ 50% of delivery time for Japanese is between 20 to 27.5
- ❖ 50% of delivery time for Chinese is between 18 to 27.5 However they have a greater IQR.
- ❖ The delivery time for American cuisine have the **lowest IQR**.



Mean Delivery per Cuisine Type

| | Mean delivery Time | Median delivery Time | delivery Time Variance | delivery Time Std. Dev. | delivery Time Std. Err. |
|----------------|--------------------|----------------------|------------------------|-------------------------|-------------------------|
| cuisine_type | | | | | |
| American | 24.396739 | 25.0 | 22.065602 | 4.697404 | 0.244869 |
| Chinese | 23.496241 | 24.0 | 25.615516 | 5.061177 | 0.438860 |
| French | 25.100000 | 25.5 | 14.766667 | 3.842742 | 1.215182 |
| Indian | 23.300000 | 24.0 | 24.540816 | 4.953869 | 0.700583 |
| Italian | 25.209302 | 26.0 | 24.049504 | 4.904029 | 0.373929 |
| Japanese | 23.743590 | 24.0 | 25.338424 | 5.033729 | 0.304655 |
| Korean | 21.111111 | 21.0 | 23.861111 | 4.884784 | 1.628261 |
| Mediterranean | 23.187500 | 23.5 | 27.641129 | 5.257483 | 0.929400 |
| Mexican | 24.770833 | 25.0 | 20.903812 | 4.572069 | 0.659921 |
| Middle Eastern | 24.617647 | 25.5 | 35.758467 | 5.979838 | 1.025534 |

RESTAURANTS WITH FASTEST DELIVERY



Cho Dang Gol

★★★★★

- Best Korean Restaurant with fastest delivery time
- Average Delivery time 16 minutes
- Average Food Cost \$11.84



Yama Japanese

Restaurant

★★★★★

- Best Japanese Restaurant with fastest delivery time
- Average Delivery time 15 minutes
- Average Food Cost \$17.08



Blue Ribbon

Fried Chicken

★★★★★

- Best American Restaurant with fastest delivery time
- Average Delivery time 15 minutes
- Average Food Cost \$9.00



Rubirosa

★★★★★

- Best Italian Restaurant with fastest delivery time
- Average Delivery time 15 minutes
- Average Food Cost \$24.20



RedFarm Broadway

★★★★★

- Best Chinese Restaurant with fastest delivery time
- Average Delivery time 16 minutes
- Average Food Cost \$24.25



BEST RESTAURANT ON THE WEEKDAY WITH FASTEST DELIVERY TIME

| | restaurant_name | cuisine_type | cost_of_the_order | day_of_the_week | rating | food_preparation_time | delivery_time |
|-----|-------------------|----------------|-------------------|-----------------|--------|-----------------------|---------------|
| 125 | Sushi of Gari | Japanese | 12.18 | Weekday | 5 | 25 | 24 |
| 333 | Tortaria | Mexican | 13.00 | Weekday | 5 | 21 | 24 |
| 471 | Balade | Middle Eastern | 9.22 | Weekday | 5 | 25 | 24 |
| 714 | Shake Shack | American | 15.76 | Weekday | 5 | 30 | 24 |
| 814 | The Meatball Shop | Italian | 14.70 | Weekday | 5 | 30 | 24 |



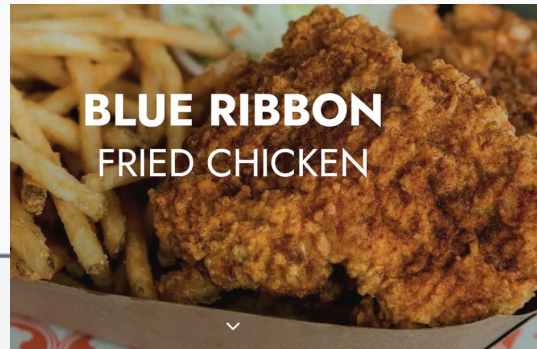
WELCOME TO BALADE





BEST RESTAURANT ON THE WEEKEND *WITH FASTEST DELIVERY TIME*

| | restaurant_name | cuisine_type | cost_of_the_order | day_of_the_week | rating | food_preparation_time | delivery_time |
|-----|-----------------------------|--------------|-------------------|-----------------|--------|-----------------------|---------------|
| 42 | RedFarm Broadway | Chinese | 24.25 | Weekend | 5 | 22 | 15 |
| 89 | Hill Country Fried Chicken | Southern | 14.79 | Weekend | 5 | 35 | 15 |
| 189 | Blue Ribbon Fried Chicken | American | 9.02 | Weekend | 5 | 31 | 15 |
| 195 | Five Guys Burgers and Fries | American | 33.03 | Weekend | 5 | 29 | 15 |
| 238 | Bhatti Indian Grill | Indian | 29.25 | Weekend | 5 | 21 | 15 |



**BLUE RIBBON
FRIED CHICKEN**