| Out[15]: | | Restaurant ID | Restaurant Name | Country Code | City | Address | Locality | L V |
|----------|---|------------------|--|-----------------|---------------------|---|--|---------------------------------|
| | 0 | 6317637 | Le Petit Souffle | 162 | Makati City | Third Floor, Century City Mall, Kalayaan Avenu | Century City Mall, Poblacion, Makati City | Centi Pol Mak |
| | 1 | 6304287 | Izakaya Kikufuji | 162 | Makati City | Little Tokyo, 2277 Chino Roces Avenue, Legaspi | Little Tokyo, Legaspi Village, Makati City | Little Mak |
| | 2 | 6300002 | Heat - Edsa Shangri-La | 162 | Mandaluyong City | Edsa Shangri- La, 1 Garden Way, Ortigas, Mandal | Edsa Shangri- La, Ortigas, Mandaluyong City | Edsa S La, (Manda Cit |
| | 3 | 6318506 | Ooma | 162 | Mandaluyong City | Third Floor, Mega Fashion Hall, SM Megamall, O | SM Megamall, Ortigas, Mandaluyong City | SM Me (Manda City, M |
| | 4 | 6314302 | Sambo Kojin | 162 | Mandaluyong City | Third Floor, Mega Atrium, SM Megamall, Ortigas | SM Megamall, Ortigas, Mandaluyong City | SM Me (Manda City, M |
| | 5 | 18189371 | Din Tai Fung | 162 | Mandaluyong City | Ground Floor, Mega Fashion Hall, SM Megamall, | SM Megamall, Ortigas, Mandaluyong City | SM Me (Manda City, M |
| | 6 | 6300781 | Buffet 101 | 162 | Pasay City | Building K, SM By The Bay, Sunset Boulevard, M | SM by the Bay, Mall of Asia Complex, Pasay City | SM Bay, Asia Cc Pas |
| | 7 | 6301290 | Vikings | 162 | Pasay City | Building B, By The Bay, Seaside Boulevard, Mal | SM by the Bay, Mall of Asia Complex, Pasay City | SM Bay, Asia Co Pas |
| | 8 | 6300010 | Spiral - Sofitel Philippine Plaza Manila | 162 | Pasay City | Plaza Level, Sofitel Philippine Plaza Manila, | Sofitel Philippine Plaza Manila, Pasay City | Ph Plaza Pasay (|
| | 9 | 6314987 | Locavore | 162 | Pasig City | Brixton Technology Center, 10 | Kapitolyo | Ka Pa |

| | Restaurant ID | Restaurant Name | Country Code | City | Address | Locality | L V |
|----|------------------|---|-----------------|---------------|---|--|-----------------------------|
| | | | | | Brixton Street, | | |
| 10 | 6309903 | Silantro Fil- Mex | 162 | Pasig City | 75 East Capitol Drive, Kapitolyo, Pasig City | Kapitolyo | Ka Pa |
| 11 | 6309455 | Mad Mark's Creamery & Good Eats | 162 | Pasig City | 23 East Capitol Drive, Kapitolyo, Pasig City | Kapitolyo | Ka Pa |
| 12 | 6318433 | Silantro Fil- Mex | 162 | Quezon City | Second Floor, UP Town Center, Katipunan Avenue | UP Town Center, Diliman, Quezon City | U [Quez Quez |
| 13 | 6310470 | Guevarra's | 162 | San Juan City | 387 P. Guevarra Corner Argonne Street, Additio | Addition Hills | Additic San Ju |
| 14 | 6314605 | Sodam Korean Restaurant | 162 | San Juan City | 17 J. Abad Santos Drive, Little Baguio, San Ju | Little Baguio | Little San Ju |
| 15 | 18185059 | Cafe Arabelle | 162 | Santa Rosa | Ayala Mall, Solenad, Nuvali, Santa Rosa - Taga | Nuvali, Don Jose, Santa Rosa | Nuva Jose Rosa |
| 16 | 18182702 | Nonna's Pasta & Pizzeria | 162 | Santa Rosa | Ground Floor, Building G, Solenad 3, Nuvali, D | Solenad 3, Don Jose, Santa Rosa | Sol Do Sant San |
| 17 | 6318213 | Balay Dako | 162 | Tagaytay City | Aguinaldo Highway, Tagaytay City | Tagaytay City | Tagayt Tagay |
| 18 | 18255654 | Hobing Korean Dessert Cafe | 162 | Taguig City | Third Floor, BGC Stopover Pavillion, Rizal Dri | BGC Stopover Pavillion, Bonifacio Global City | BGC St Pi Bc Globa |
| 19 | 6308205 | Wildflour Cafe + Bakery | 162 | Taguig City | Ground Floor, Netlima Building, 4th Avenue Cor | Bonifacio Global City | Bc Glok Tagı |

| | Restaurant ID | Restaurant Name | Country Code | City | Address | Locality | L V |
|----|------------------|--|-----------------|--------------------|---|--|---------------------------|
| 20 | 6315438 | NIU by Vikings | 162 | Taguig City | Sixth Floor, SM Aura Premier, C5 Road Corner 2 | SM Aura Premier, Bonifacio Global City, Taguig | S F Bc Glok T |
| 21 | 6310406 | The Food Hall by Todd English | 162 | Taguig City | Fifth Floor, SM Aura Premier, C5 Corner 26th S | SM Aura Premier, Bonifacio Global City, Taguig | S F Bc Glok T |
| 22 | 6600681 | Chez Michou | 30 | Bras ∳ _lia | SCLN, 208, Bloco A, Loja 30, Asa Norte, Bras�_lia | Asa Norte | Asa Br |
| 23 | 6601005 | Caf�� Daniel Briand | 30 | Bras�_lia | SCLN 104, Bloco A, Loja 26, Asa Norte, Bras�_lia | Asa Norte | Asa Br |
| 24 | 6600292 | Casa do Biscoito Mineiro | 30 | Bras ∳ _lia | SCLN 210, Bloco D, Loja 36/48, Asa Norte, Bras | Asa Norte | Asa Br |
| 25 | 6600441 | Maori | 30 | Bras ∳ _lia | CLN 110, Bloco D, Loja 28, Asa Norte, Bras�_lia | Asa Norte | Asa Br |
| 26 | 6600970 | Pizza �� Bessa | 30 | Bras � _lia | SCS 214, Bloco C, Loja 40, Asa Sul, Bras�_lia | Asa Sul | , Br |
| 27 | 6600379 | Sushi Loko | 30 | Bras ∳ _lia | SCS 213, Bloco C, Loja 35, Asa Sul, Bras�_lia | Asa Sul | , Br |
| 28 | 6600214 | Beirute | 30 | Bras ∳ _lia | CLS 109, Bloco A, Loja 2/6, Asa Sul, Bras�_lia | Asa Sul | , Br |
| 29 | 6601218 | New Koto | 30 | Bras ∳ _lia | SCS 212, Bloco B, Loja 26, Asa Sul, Bras�_lia | Asa Sul | , Br |
| 30 | 6600060 | Sandubas Caf�� | 30 | Bras � _lia | Edif�_cio Jos�� | Asa Sul | , Br |

| | Restaurant ID | Restaurant Name | Country Code | City | Address | Locality | L V |
|----|------------------|-----------------------|-----------------|--------------------|--|--------------------------------------|-----------------------|
| | | | | | Severo, SCS 6, Bloco A, Loja 9 | | |
| 31 | 6600083 | Villa Tevere | 30 | Bras ∳ _lia | CLS 115, Bloco A, Loja 2, Asa Sul, Bras�_lia | Asa Sul | , Br |
| 32 | 6601515 | Rovereto | 30 | Bras ∳ _lia | Rua 13 Norte, Lote 4, • guas Claras, Bras•_lia | ♦ guas Claras | ∲ guas Br |
| 33 | 6601361 | Buena Carne | 30 | Bras ∳ _lia | Avenida Arauc��rias, 1325, Loja 19, �guas Clar | ♦ guas Claras | ♦ guas Br |
| 34 | 6601602 | Taco Pep | 30 | Bras�_lia | Vila Malls, Avenida das Castanheiras, Lote 106 | ♦ guas Claras | ♦ guas Br |
| 35 | 6601589 | Coco Bambu | 30 | Bras�_lia | Bras�_lia Shopping - Piso 2, SCN 5, Bloco A, A | Bras�_lia Shopping, Asa Norte | Br Shoppi Br |
| 36 | 6601862 | Tayp �� | 30 | Bras�_lia | Fashion Park, Shis Ql 17, Bloco G, Loja 208, L | Lago Sul | La Br |
| 37 | 6601595 | Outback Steakhouse | 30 | Bras ∳ _lia | ParkShopping - Piso 2, SAI/SO, •rea 6580, Guar | ParkShopping, Guar�� I | ParkSho Gua Br |
| 38 | 6601158 | Manzu�� | 30 | Bras ∳ _lia | Pont��o Lago Sul, SHIS 10, Lote 9, Lago Sul, B | Pont��o Lago Sul, Lago Sul | Poi La La Br |
| 39 | 6600427 | Coco Bambu | 30 | Bras�_lia | SCES, Trecho 2, Conjunto 13/36, Setor de Clube | Setor De Clubes Esportivos Sul | S Esporti Br |

40 rows × 21 columns

```
In [7]: most_common_price= data_df['Price range'].mode()[0]
# the mode will heples to find out the frequntly occuring value in given one.
print(f"The most common price range is:",most_common_price)
```

The most common price range is: 1

Calculate the average rating for each price range.

```
In [8]: average_rating_by_price = data_df.groupby('Price range')['Aggregate rating'].mea
# Renaming columns
average_rating_by_price.columns = ['Price Range', 'Average Rating']
average_rating_by_price
```

| Out[8]: | | Price Range | Average Rating |
|---------|---|--------------------|----------------|
| | 0 | 1 | 1.999887 |
| | 1 | 2 | 2.941054 |
| | 2 | 3 | 3.683381 |
| | 3 | 4 | 3.817918 |

Identify the color that represents the highest average rating among different price ranges.

```
In [14]: h_a_price_range = average_rating_by_price.loc[average_rating_by_price['Average R
h_a_color = data_df[data_df['Price range'] == h_a_price_range]['Rating color'].m
h_a_color

Out[14]: 'Yellow'
In []:
```