**Learners have to come up with a dashboard in order to support the answers to the following questions and suggestions for places for newer restaurants.**

**Objective Questions**:

1. The data consists of some inconsistent and missing values so ensure that the data used for further analysis is cleaned.
2. Using the LookUp functions, fill up the countries in the original data using the country code.
3. Create a table to represent the number of restaurants opened in each country.

Ans.

|  |  |
| --- | --- |
| **No. of Restaurants opened in each country** | |
| **Country** | **No. of Restaurants** |
| India | 8652 |
| United States of America | 434 |
| United Kingdom | 80 |
| Brazil | 60 |
| South Africa | 60 |
| United Arab Emirates | 60 |
| New Zealand | 40 |
| Turkey | 34 |
| Australia | 24 |
| Philippines | 22 |
| Indonesia | 21 |
| Sri Lanka | 20 |
| Singapore | 20 |
| Qatar | 20 |
| Canada | 4 |
| **Grand Total** | **9551** |

1. Also, the management wants to look at the number of restaurants opened in each year, so provide them with something here.

Ans.

|  |  |
| --- | --- |
| **No. of Restaurants opened in each Year** | |
| **Year** | **No. of Restaurants** |
| 2010 | 1080 |
| 2011 | 1098 |
| 2012 | 1022 |
| 2013 | 1061 |
| 2014 | 1051 |
| 2015 | 1024 |
| 2016 | 1027 |
| 2017 | 1086 |
| 2018 | 1102 |
| **Total** | **9551** |

1. What is the total number of restaurants in India in the price range of 4?

Ans.

|  |
| --- |
| Total number of restaurants in India in the price range of 4 |
|  |
| **388** |

1. According to the data, what is the average number of voters for the restaurants in each country?

Ans.

|  |  |
| --- | --- |
| **Ans. to Q6. The average number of voters for the restaurants in each country** | |
| **Row Labels** | **Average of Votes** |
| Australia | 111 |
| Brazil | 20 |
| Canada | 103 |
| India | 137 |
| Indonesia | 772 |
| New Zealand | 243 |
| Philippines | 407 |
| Qatar | 164 |
| Singapore | 32 |
| South Africa | 315 |
| Sri Lanka | 146 |
| Turkey | 431 |
| United Arab Emirates | 494 |
| United Kingdom | 205 |
| United States of America | 428 |

**Subjective Question:**

1. Suggest a few countries where the team can open newer restaurants with lesser competition. Which visualization/technique will you use here to justify the suggestions?
2. Come up with the names of States and cities in the suggested countries suitable for opening restaurants.
3. According to the countries you suggested, what is the current quality regarding ratings for restaurants that are open there?
4. Also, what is the current expenditure on food in the suggested countries, so that we can keep our financial expenditure in control?
5. Come up with the names of restaurants from the recommended states that are our biggest competitors and also those that are rated in the lower brackets, i.e. 1-2 or 2-3.
6. Which cuisines should we focus on in the newer restaurants to get better feedback? Does the choice of cuisines affect the restaurant ratings?
7. According to our current data, should we go for online delivery and table booking? Does that affect the customer’s ratings?
8. Should the team keep the rate of cuisines higher? Will that affect the feedback? According to our data are the rates of cuisines and ratings, correlated?

**The dashboard must consist of date and country slicers.**