Objective Questions answer-

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| Country Code | Country Name | No. of restaurant in country | No. of votes for restaurant | Average no. of voters for the restaurant |
| 1 | India | 8651 | 1185353 | 137.0191885 |
| 14 | Australia | 24 | 2674 | 111.4166667 |
| 30 | Brazil | 60 | 1177 | 19.61666667 |
| 37 | Canada | 4 | 412 | 103 |
| 94 | Indonesia | 21 | 16214 | 772.0952381 |
| 148 | New Zealand | 40 | 9721 | 243.025 |
| 162 | Philippines | 22 | 8963 | 407.4090909 |
| 166 | Qatar | 20 | 3276 | 163.8 |
| 184 | Singapore | 20 | 638 | 31.9 |
| 189 | South Africa | 60 | 18910 | 315.1666667 |
| 191 | Sri Lanka | 20 | 2929 | 146.45 |
| 208 | Turkey | 34 | 14670 | 431.4705882 |
| 214 | United Arab Emirates | 60 | 29611 | 493.5166667 |
| 215 | United Kingdom | 80 | 16439 | 205.4875 |
| 216 | United States of America | 434 | 185848 | 428.2211982 |

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| year | No. of restaurant opened in year |
| 2010 | 1080 |
| 2011 | 1098 |
| 2012 | 1022 |
| 2013 | 1061 |
| 2014 | 1051 |
| 2015 | 1024 |
| 2016 | 1027 |
| 2017 | 1086 |
| 2018 | 1101 |

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| No. of restaurant in India with price range 4 |
| 388 |

Suggest few countries where the team can open newer restaurants with **lesser competition.**

If we will make a bar graph on the given raw data and observing chart on city basis, we will notice that countries like Canada (04), Australia (24), Indonesia (21), Philippines (22), South Africa (60) & USA (434) have lesser number of restaurants with less competition.

Though other countries except India have lesser number of restaurant but they are much crowded with restaurant.

**Come up with the names of States and cities in the suggested countries suitable for opening restaurants.**

from the same graph we made for the above question if we put a filter and check the graph country-wise as suggested above, we will come up with information that –

* Australia

Australia has only single restaurant in each city except Hepburn Springs, so if team want they can move forward to open restaurant in any city they want.

* Canada

Canada has also very lesser number of restaurants, single restaurant in each city as provided in the data.

So the team can move forward to open restaurant in any four city.

* Indonesia

In Indonesia cities like Bandung, Bogor & Tangerang has one or two restaurants only which seems to be less competition and more profit.

* Philippines

Here we can look for cities like Makati City , Quezon City, San Juan City, Santa Rosa & Tagaytay City which has one or two restaurant.

* South Africa

In South Africa we can go for Inner City & Randburg

* United States of America

If we notice country like USA the cities are either overcrowded or uncrowded , if we will go for less crowded cities then Clatskanie , Cochrane , Fernley , Lakeview, Lincoln , McMillan , Miller , Monroe , Ojo Caliente , Potrero , Princeton , Vernonia , Weirton , Winchester Bay have only single restaurant which is good for the team.

**According to the countries you suggested, what is current quality in terms of ratings for restaurants that are opened there?**

* Australia – 3.66
* Canada – 3.58
* Indonesia – 4.3
* Philippines – 4.47
* South Africa - 4.21
* United States of America - 4.01

**Also what is the current expenditure on the food in the suggested countries, so that we can keep our financial expenditure in control?**

* Australia – 2.13
* Canada – 2.50
* Indonesia – 2.95
* Philippines – 3.36
* South Africa – 3.58
* United States of America – 2.05
* **Come up with the names of restaurants from the recommended states who are our biggest competitors and also those which are rated in the lower brackets, i.e. 1-2 or 2-3.**

How do you decide if anyone is a competitor?

Any restaurant which are present in our target cities of a particular country with high rating and less price range are our biggest competitors.

Name of the biggest competitors in the countries are as follows-

* Australia

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| **City** | **Competitors** | **Ratings** |
| Armidale | Whitebull Hotel | 3.5 |
| Balingup | Taste of Balingup | 3.2 |
| Beechworth | Bridge Road Brewers | 4.6 |
| Dicky Beach | The Giggling Goat | 3.6 |
| East Ballina | The Belle General | 4.1 |
| Flaxton | Flaxton Gardens | 3.5 |
| Forrest | Bespoke Harvest | 3.7 |
| Hepburn Springs | La Trattoria of Lavandula | 3.8 |
| Huskisson | 5 Little Pigs | 4.1 |
| Inverloch | Beach Box Café | 3.7 |
| Lakes Entrance | Funkey Monkey | 3.8 |
| Lorn | Stillwater on Belmore | 3.6 |
| Macedon | Mr. | 3.5 |
| Mayfield | Star Buffet | 2.9 |
| Middleton Beach | Three Anchors | 3.8 |
| Montville | Poets Café | 2.4 |
| Palm Cove | Vivo Bar and Grill | 4.4 |
| Paynesville | Pier 70 | 2.6 |
| Penola | DiVine | 3.4 |
| Phillip Island | Mad Cowes Café | 3.7 |
| Tanunda | 1918 Bistro & Grill | 4.4 |
| Trentham East | Pig and Whistle | 4.1 |
| Victor Harbor | Anchorage café Restaurant Wine Bar | 3.6 |

* Canada

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| **City** | **Competitors** | **Ratings** |
| Chatham-Kent | Tokyo Sushi | 3.7 |
| Consort | Consort Restaurant | 3 |
| Vineland Station | Lake House Restaurant | 4.3 |
| Yorkton | Arigato Sushi | 3.3 |

* Indonesia

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| **City** | **Competitors** | **Ratings** |
| Bandung | Noah’s Barn Coffeenery | 4.2 |
| Bogor | Lemongrass | 4 |
| Tangerang | Talaga Sampireun | 4.9 |

* Philippines

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| **City** | **Competitors** | **Ratings** |
| Makati City | Le Petit Souffle | 4.8 |
| Quezon City | Silantro Fil-Mex | 4.8 |
| San Juan City | Sodam Korean Restaurant | 4.3 |
| Santa Rosa | Nonna’s Pasta & Pizzeria | 4 |
| Tagaytay City | Balay Dako | 4.5 |

* South Africa

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| **City** | **Competitors** | **Ratings** |
| Inner City | Urbanologi | 4.9 |
| Randburg | The Whippet | 4.3 |

* United States of America

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| **City** | **Competitors** | **Ratings** |
| Clatskanie | Berry Patch Restaurant | 4.3 |
| Cochrane | Sakura Sushi and Thai | 3.1 |
| Fernley | Jehova es Mi Pastor Tacoos y Burritos | 3.7 |
| Lakeview | Burger Queen Drive In | 3.6 |
| Lincoln | Blue Orchid Thai Restaurant | 4.5 |
| McMillan | Triangle Restaurant | 2.4 |
| Miller | HI Lite Bar & Lounge | 3.4 |
| Monroe | Vince’s Restaurant & Pizzeria | 3.6 |
| Ojo Caliente | The Artesian Restaurant | 3.6 |
| Potrero | Barret Junction Cafe | 3.3 |
| Princeton | Blue Point Grill | 4 |
| Vernonia | Blue House Cafe | 4.3 |
| Weirton | Theo Yianni’s Authentic Greek Restaurant | 3.9 |
| Winchester Bay | Fishpatrick’s Crabby Cafe | 3.2 |

* **Which cuisines should we focus in the newer restaurants to get better feedbacks? Does the choice of cuisines affect the restaurant ratings?**

What is the basis for the suggestions? And mention how did you decide if the cuisines affect the ratings?

* Australia

Modern Australian food

Sea food

Bar Food

Cafe & Coffee and Tea

* Canada

Italian

Pizza

Japanese

Sushi

* Indonesia

Sunda

Indonesian

Western

Café

* Philippines

Japanese

Filipino

Asian

European

* South Africa

Contemporary

Café

European

Grill food

* America

American food

Sandwich & Burger.

BBQ

Breakfast items with tea & coffee.

These suggestions were made on the basis of the common food served in the respective countries with high ratings.

Ratings doesn’t affect the cuisines served as same food product served in various hotels have both high and low ratings.

**According to our current data, should we go for online delivery and table booking? Does that affect the customer’s ratings?**

None of the restaurant in our desired countries has online delivery system , if we put filter on our raw data and fliter the delivery table we will find none of the restaurant has online delivery system and also very few country has table booking system.

I don’t think it will affect the rating of the restaurant, if the team want then it can go for online delivery as it will be a unique feature in the entire city.

**Should the team keep the rate of cuisines higher? Will that affect the feedback? According to our data are the rate of cuisines and ratings, correlated?**

The team should keep the cuisines rate moderate because if we find the correlation between the rates and ratings there is a positive realtion of 0.5 which is directly proportional among each other.

The team should serve cuisines at moderate rate and high quality and hygiene.

**What is the distribution of number of restaurants of different price ranges in all the countries?**

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| --- | --- |
| Price Range | Country |
| 1 | 4444 |
| 2 | 3112 |
| 3 | 1408 |
| 4 | 586 |