

Courseera Capstone project

Best restaurant business model for Inverters.

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A Data analysis report from data's collected from Zomato API

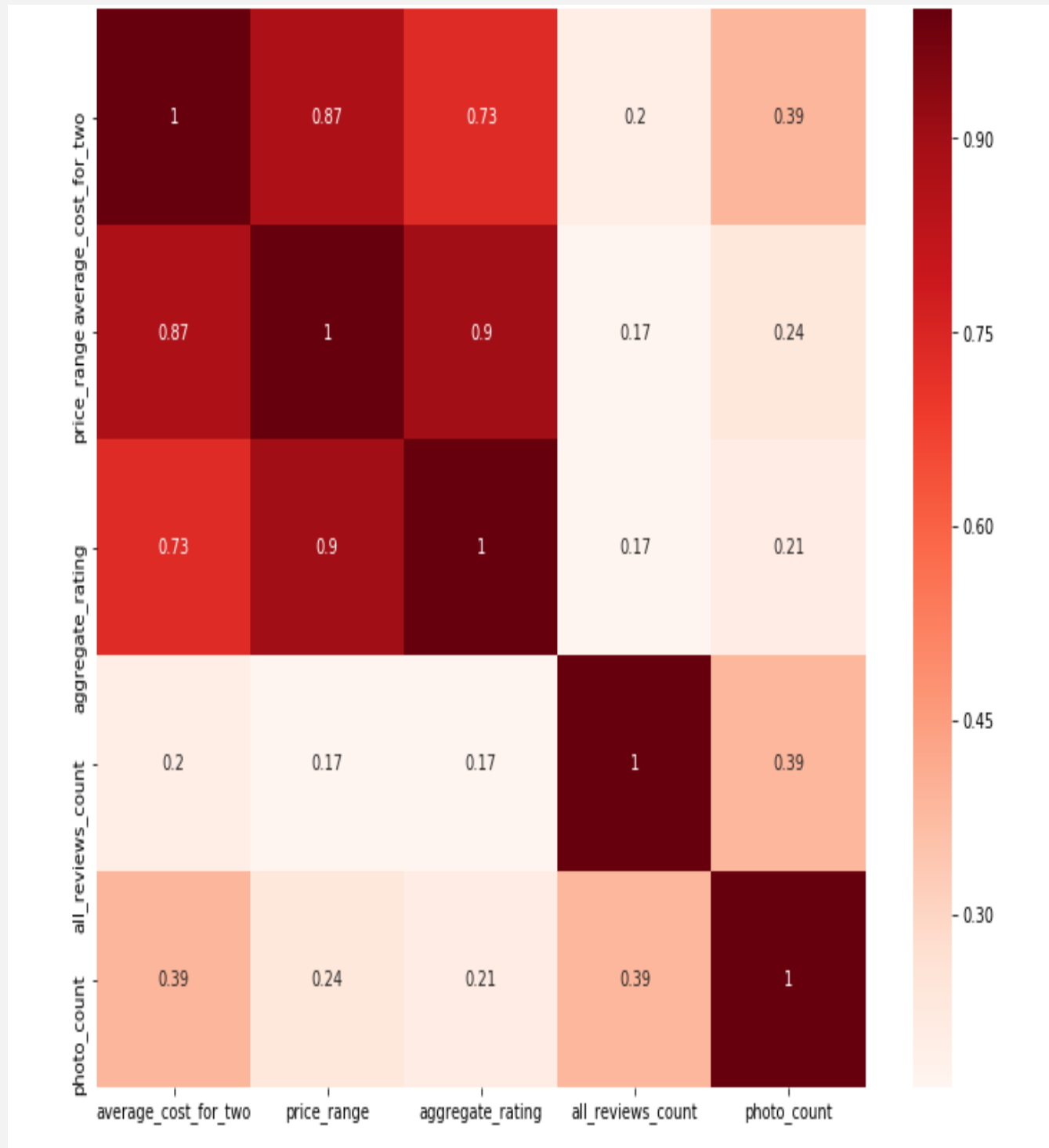
Methodology: Kmean analysis and Correlation matrix

Suitable location and cuisine results

	latitude	longitude
0	13.048841	80.208224
1	13.050974	80.212766
2	13.049327	80.211159
3	13.051903	80.209778
4	13.045747	80.213077
5	13.049863	80.214349
6	13.053430	80.211590
7	13.051748	80.207715

	average_cost_for_two	price_range	aggregate_rating	votes	all_reviews_count	photo_count
cuisines						
North Indian/ Chinese/ Chettinad/ Seafood	1000	3	4.7	5073	4038	595
North Indian/ Continental/ Kebab/ BBQ	1600	3	4.2	1619	716	821
South Indian/ Biryani	1750	6	9.7	1421	862	115
North Indian/ South Indian/ Desserts/ Beverages/ Mithai	1650	6	10.8	1351	709	349
Irish/ Finger Food	2500	4	4.3	1146	551	432

Location Index suitable for restaurant



Results and suggestion for successful restaurant

1. I have found that there is a strong correlation b/w price range and rating.
2. Top successful restaurants are selling cuisines with combination of North Indian/ Chinese/ Chettinad/ Seafood & /North Indian/ Continental/ Kebab/ BBQ & South Indian/ Biryani
3. Data point showing which place is suitable to open a restaurant at Vadapalani.