



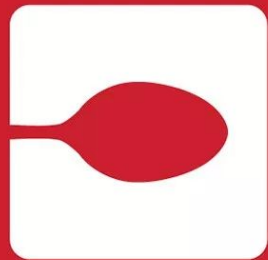
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Zomato's API: What's on the Menu in Denver?

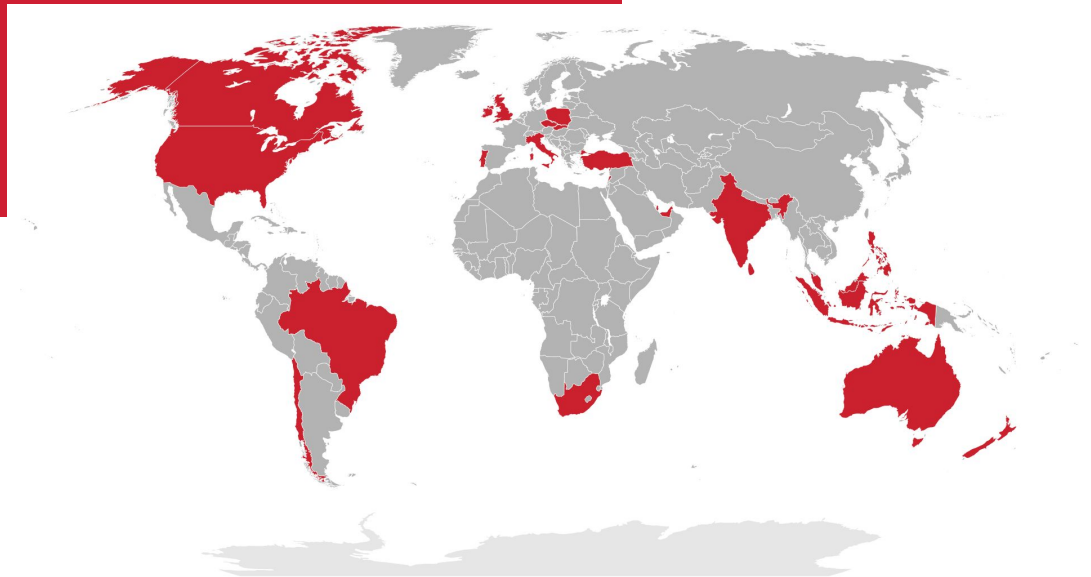
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zomato





- Core Message:
 - *Identify the top restaurants in Denver through Zomato ratings by users*
 - *Identify the top restaurants in Denver through Zomato through 5 different cuisine types*
 - *Determine the locations of the top rated restaurants in Denver*
 - *Scatterplot & heatmaps*
- *What kind of restaurants were the most popular around Denver?*
- *Where are these restaurants mainly located?*
- *What is the distribution of the top 100?*
- *Zomato API was used based on the general search API which used latitude and longitude, then cuisine ID which was identified by the group*



- *API key limited to 100 results*
- *API key limited to 100 requests per day*
- *API seems restrictive in general and convoluted*
- *Multiple API's needed to get our identified data*
- *API keys were difficult to determine how to get the data we wanted*
- *Parsing down cuisine types as there were multiple descriptors for each restaurant*
- *Moved the full 500 into a CSV for simplified parsing*

- *Trial and error mostly*
- *Parsing down to create multiple columns of cuisine types*
- *Determining which API's were the correct ones to find our data*

- *Most of the top restaurants are located around downtown Denver*
 - *Highest density around LoDo, Cherry Creek, Highlands, Cap Hill, Baker,*
 - *Smaller pockets in Lakewood, Edgewater, Boulder, Englewood, University of Denver*

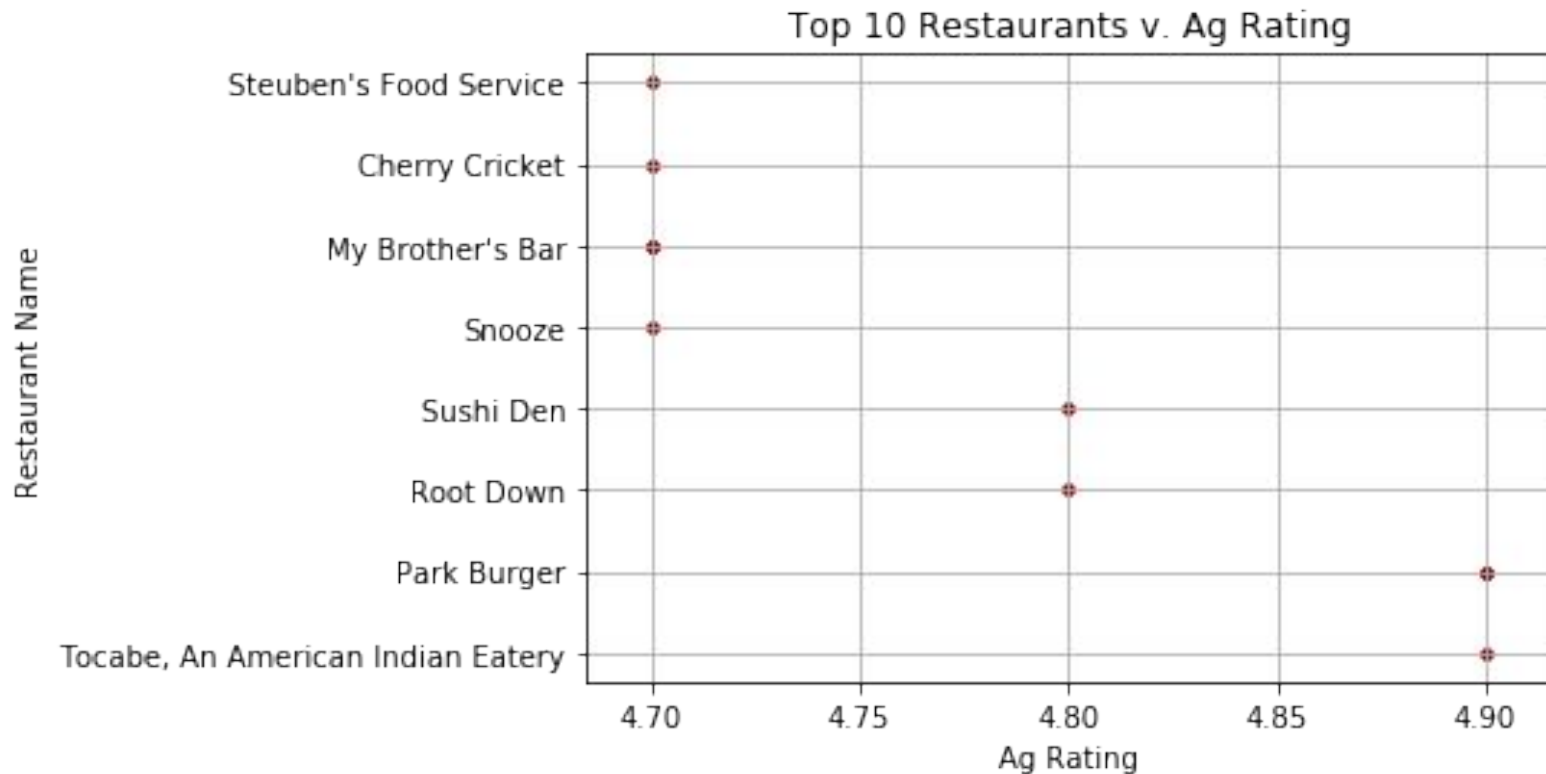


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TOP
10

Unnamed: 0	res_id	name	lat	lng	cuisines	aggregate_rating	rating_text	votes	
11	11	16973578	Tocabe, An American Indian Eatery	39.776640	-105.033870	American	4.9	Excellent	201
5	5	16973776	Park Burger	39.682275	-104.980447	American, Burger	4.9	Excellent	256
202	202	16973776	Park Burger	39.682275	-104.980447	American, Burger	4.9	Excellent	256
2	2	16973602	Root Down	39.763169	-105.005614	American, Tapas	4.8	Excellent	480
100	100	16972224	Sushi Den	39.689561	-104.980483	Japanese, Sushi	4.8	Excellent	571
0	0	16971711	Snooze	39.755653	-104.988997	American	4.7	Excellent	642
402	402	16970329	My Brother's Bar	39.756325	-105.009239	American, Bar Food	4.7	Excellent	274
200	200	16967791	Cherry Cricket	39.719480	-104.956730	American, Burger, Mexican	4.7	Excellent	865
1	1	16971985	Steuben's Food Service	39.743317	-104.980469	American	4.7	Excellent	689
7	7	16970329	My Brother's Bar	39.756325	-105.009239	American, Bar Food	4.7	Excellent	274
20	20	16973002	Woody's Woodfired Pizza	39.754536	-105.220353	American, Italian, Pizza	4.6	Excellent	148

Top 10 Cuisines Overall

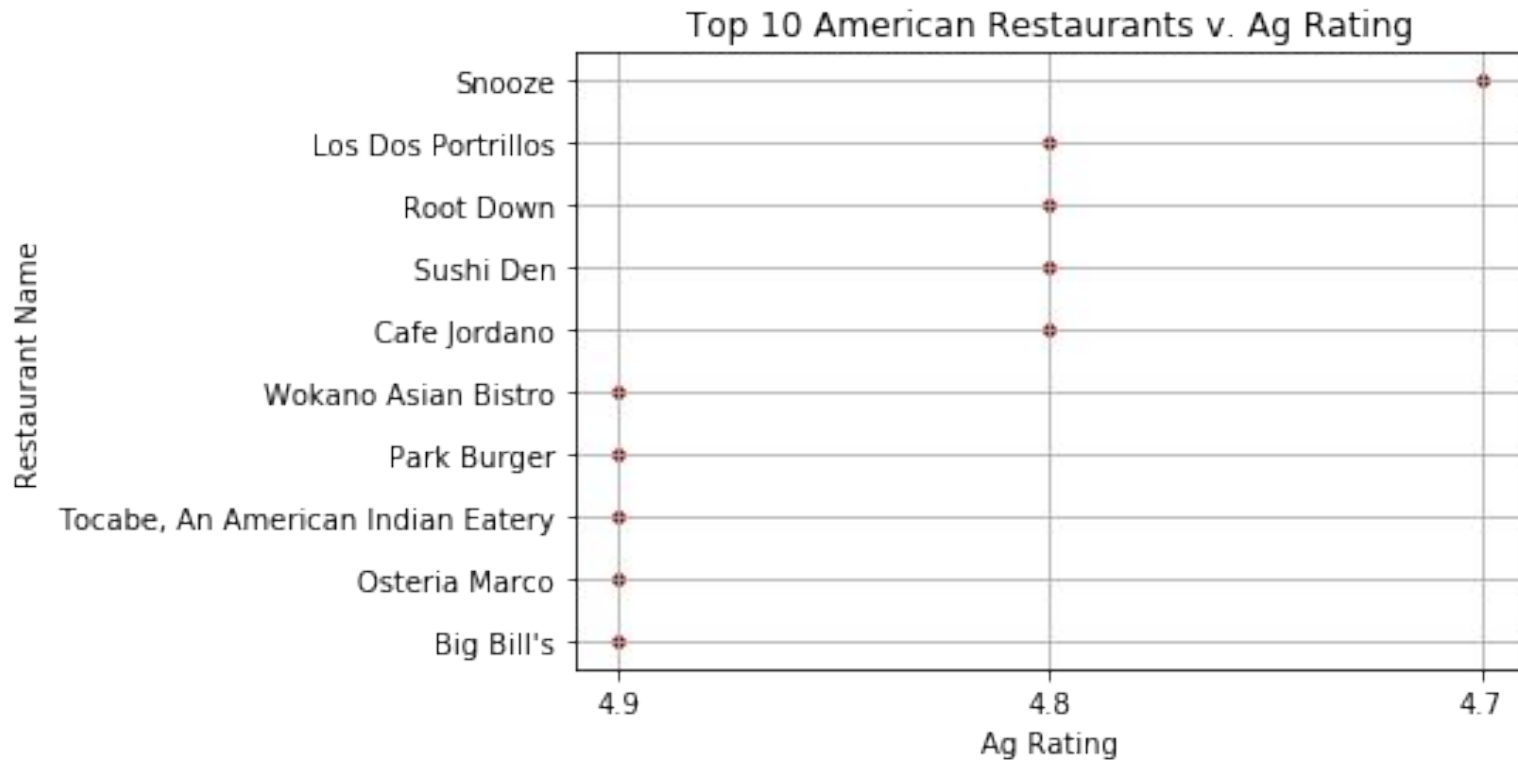


Top 8 American Cuisine



	res_id	name	lat	lng	cuisines	aggregate_rating	rating_text	votes	FirstCuisine	SecondCuisine	ThirdCuisine
5	16973776	Park Burger	39.6822750000	-104.9804472222	American, Burger	4.9	Excellent	256	American	Burger	None
202	16973776	Park Burger	39.6822750000	-104.9804472222	American, Burger	4.9	Excellent	256	American	Burger	None
11	16973578	Tocabe, An American Indian Eatery	39.7766400000	-105.0338700000	American	4.9	Excellent	201	American	None	None
2	16973602	Root Down	39.7631694444	-105.0056138889	American, Tapas	4.8	Excellent	480	American	Tapas	None
0	16971711	Snooze	39.7556527778	-104.9889972222	American	4.7	Excellent	642	American	None	None
200	16967791	Cherry Cricket	39.7194800000	-104.9567300000	American, Burger, Mexican	4.7	Excellent	865	American	Burger	Mexican
7	16970329	My Brother's Bar	39.7563250000	-105.0092388889	American, Bar Food	4.7	Excellent	274	American	Bar Food	None
1	16971985	Steuben's Food Service	39.7433166667	-104.9804694444	American	4.7	Excellent	689	American	None	None
353	16970329	My Brother's Bar	39.7563250000	-105.0092388889	American, Bar Food	4.7	Excellent	274	American	Bar Food	None

Top 10 American Cuisine v/ Aggregate Rating





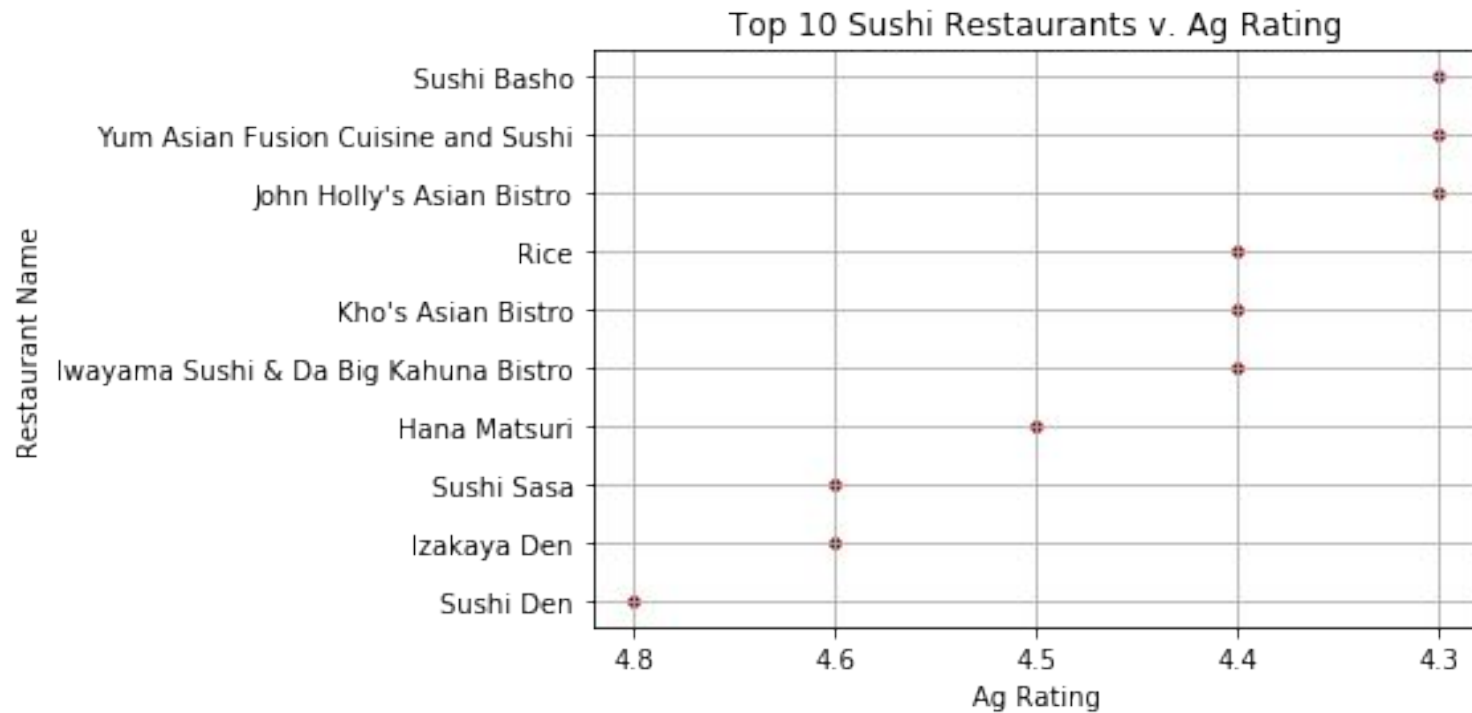
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Top 8 Sushi

	res_id	name	lat	lng	cuisines	aggregate_rating	rating_text	votes	FirstCuisine	SecondCuisine	ThirdCuisine
101	16972233	Sushi Sasa	39.7569200000	-105.0091800000	Sushi, Japanese	4.6	Excellent	282	Sushi	Japanese	None
134	16972928	Wild Basil	39.5668416667	-104.9242638889	Sushi, Thai	4.2	Very Good	42	Sushi	Thai	None
106	16973066	Wasabi Sushi Bar	39.7084583333	-105.0773694444	Sushi, Japanese	4.2	Very Good	100	Sushi	Japanese	None
128	16973747	Taki Sushi	39.7146750000	-104.9822150000	Sushi, Japanese	4.2	Very Good	58	Sushi	Japanese	None
140	16973573	Sushi Yume	39.8843583333	-105.0229333333	Sushi	4.2	Very Good	28	Sushi	None	None
116	16972234	Sushi Tazu	39.7210111111	-104.9530944444	Sushi, Japanese	4.1	Very Good	71	Sushi	Japanese	None
159	16973568	Zo Sushi and Thai	39.9154916667	-105.0563277778	Sushi, Japanese, Thai, Asian	4.0	Very Good	31	Sushi	Japanese	Thai
123	16973108	Sushi Train	39.6541370000	-104.9149870000	Sushi, Japanese	4.0	Very Good	39	Sushi	Japanese	None

Top 10 Sushi Cuisine v/ Aggregate Rating





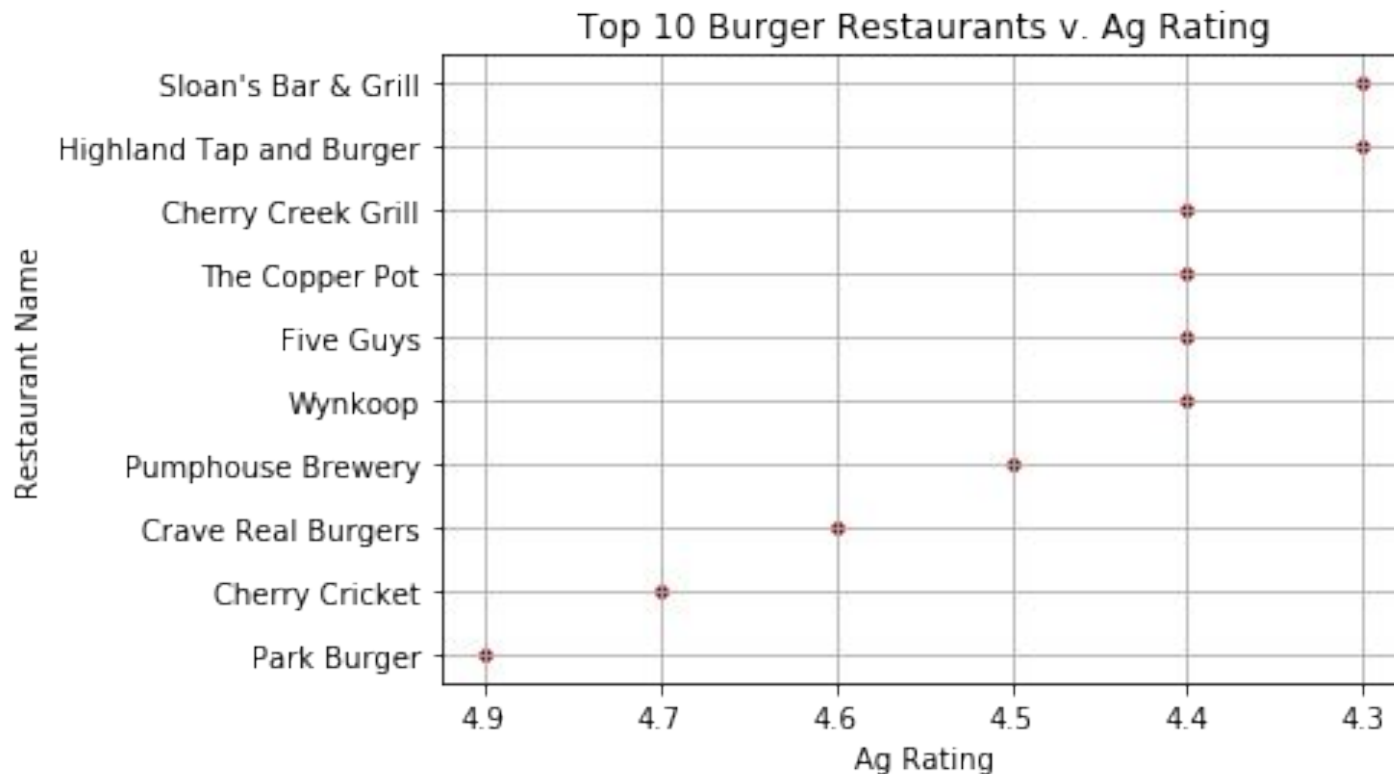
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Top 8 Burger Joints

	res_id	name	lat	lng	cuisines	aggregate_rating	rating_text	votes	FirstCuisine	SecondCuisine	ThirdCuisine
2	16973776	Park Burger	39.6822750000	-104.9804472222	American, Burger	4.9	Excellent	256	American	Burger	None
0	16967791	Cherry Cricket	39.7194800000	-104.9567300000	American, Burger, Mexican	4.7	Excellent	865	American	Burger	Mexican
4	16974364	Crave Real Burgers	39.3948400000	-104.8886300000	Burger	4.6	Excellent	147	Burger	None	None
8	16971149	Pumphouse Brewery	40.1688222222	-105.1023861111	American, Burger, Tex-Mex	4.5	Excellent	139	American	Burger	Tex-Mex
1	16973012	Wynkoop	39.7533500000	-104.9985300000	American, Burger, Bar Food	4.4	Very Good	420	American	Burger	Bar Food
9	16973184	Five Guys	39.6746210000	-104.8704510000	Fast Food, Burger	4.4	Very Good	116	Fast Food	Burger	None
21	16974349	The Copper Pot	39.6531611111	-104.9813388889	American, Burger	4.4	Very Good	61	American	Burger	None
3	16967789	Cherry Creek Grill	39.7193555556	-104.9496611111	Burger, American, Steak	4.4	Very Good	207	Burger	American	Steak

Top 10 Burger Cuisine v/ Aggregate Rating



Top 8 Mexican

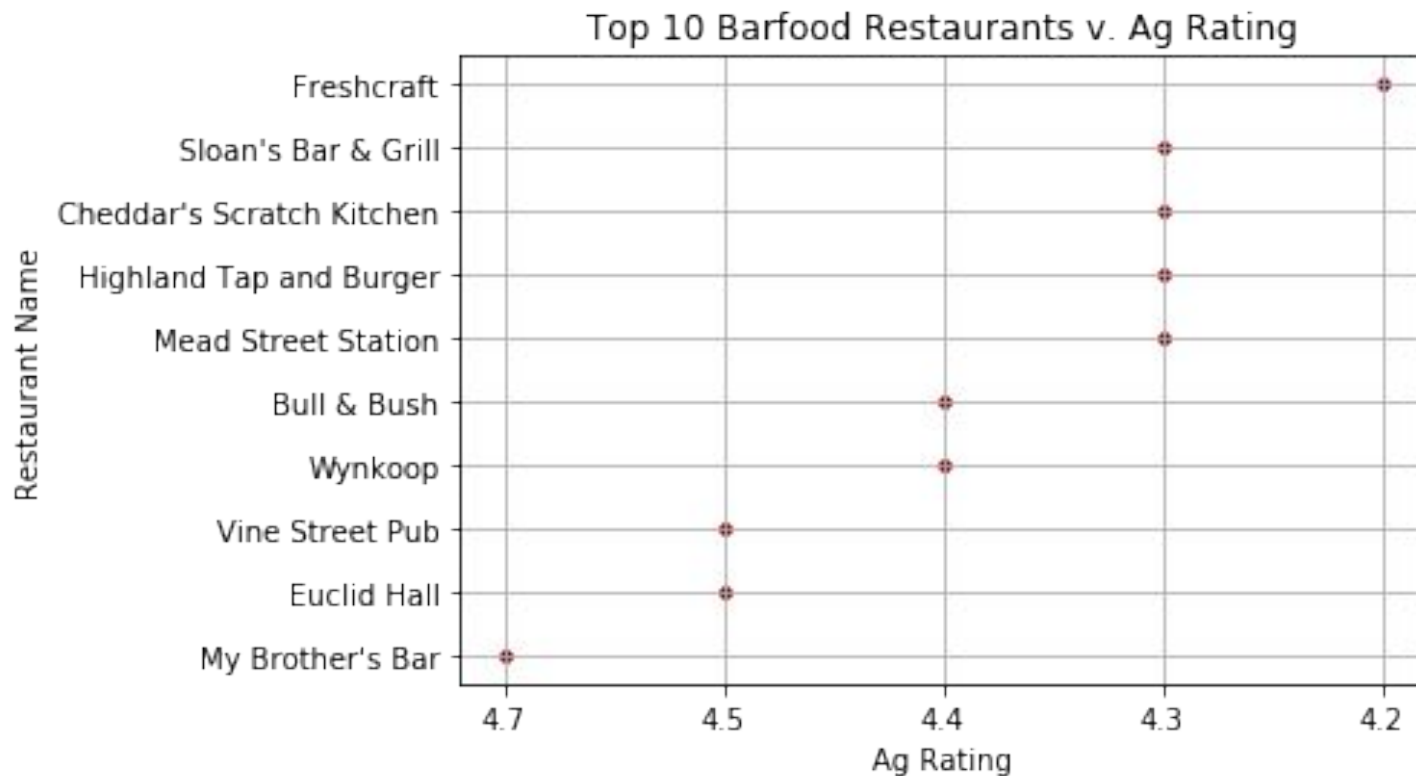


	res_id	name	lat	lng	cuisines	aggregate_rating	rating_text	votes	FirstCuisine	SecondCuisine	ThirdCuisine
455	16975093	Tacos Tequila Whiskey	39.7404467000	-104.9597717000	Mexican	4.5	Excellent	144	Mexican	None	None
467	16968509	Efrain's	39.9974972222	-105.0902638889	Mexican	4.4	Very Good	73	Mexican	None	None
457	16973902	Corona's	39.9443361111	-105.0123055556	Mexican	4.4	Very Good	103	Mexican	None	None
486	16973033	Yolanda's Tacos	39.5944444444	-104.8782500000	Mexican	4.4	Very Good	49	Mexican	None	None
460	16975851	D'Corazon	39.7500722222	-104.9997638889	Mexican	4.4	Very Good	101	Mexican	None	None
451	16969848	Lola Mexican Fish House	39.7592204112	-105.0107693883	Mexican	4.3	Very Good	309	Mexican	None	None
503	16969623	La Cocinita Mexican Restaurant	39.7587500000	-105.0502300000	Mexican	4.3	Very Good	36	Mexican	None	None
454	16969027	Hacienda Colorado	39.5441630000	-104.8685210000	Mexican	4.3	Very Good	157	Mexican	None	None



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Top 10 Bar Food Cuisine v/ Aggregate Rating





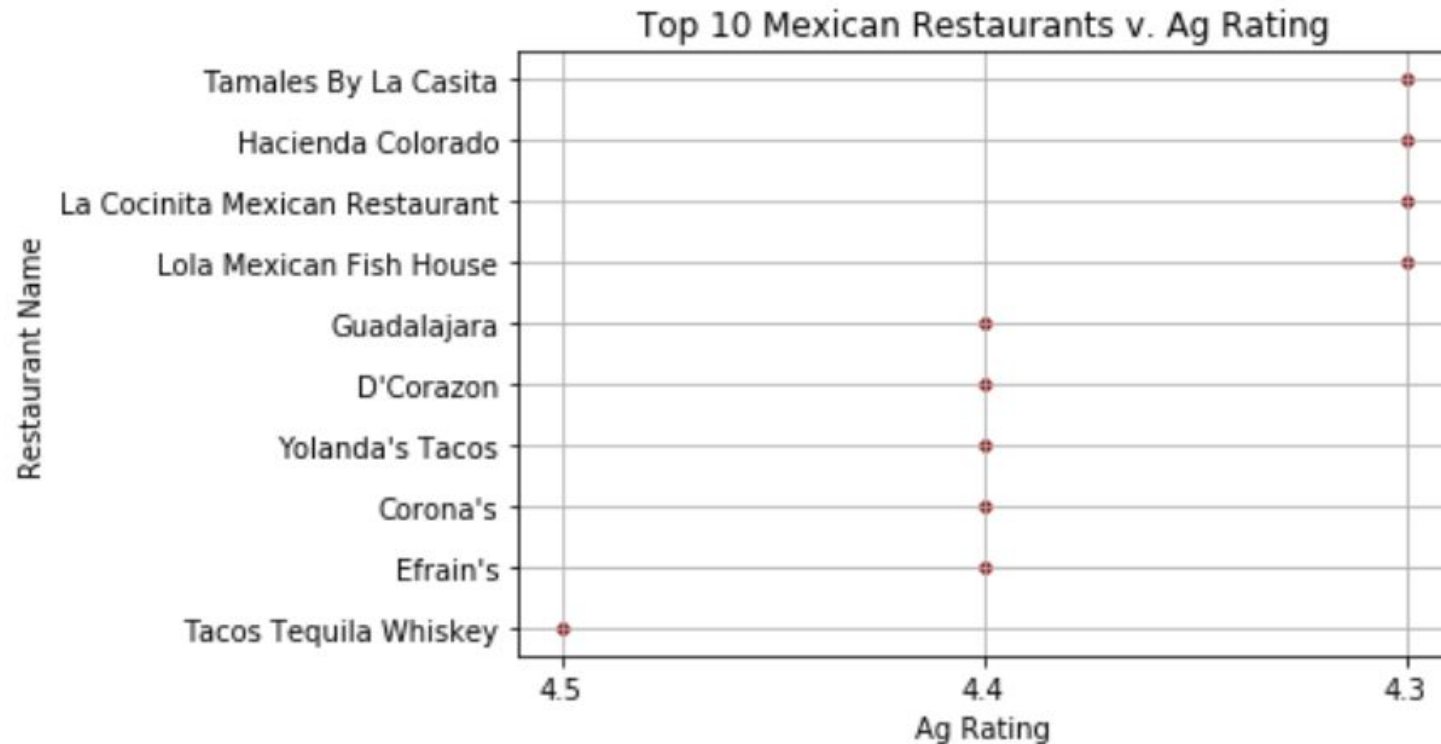
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Top 8 Bar Food



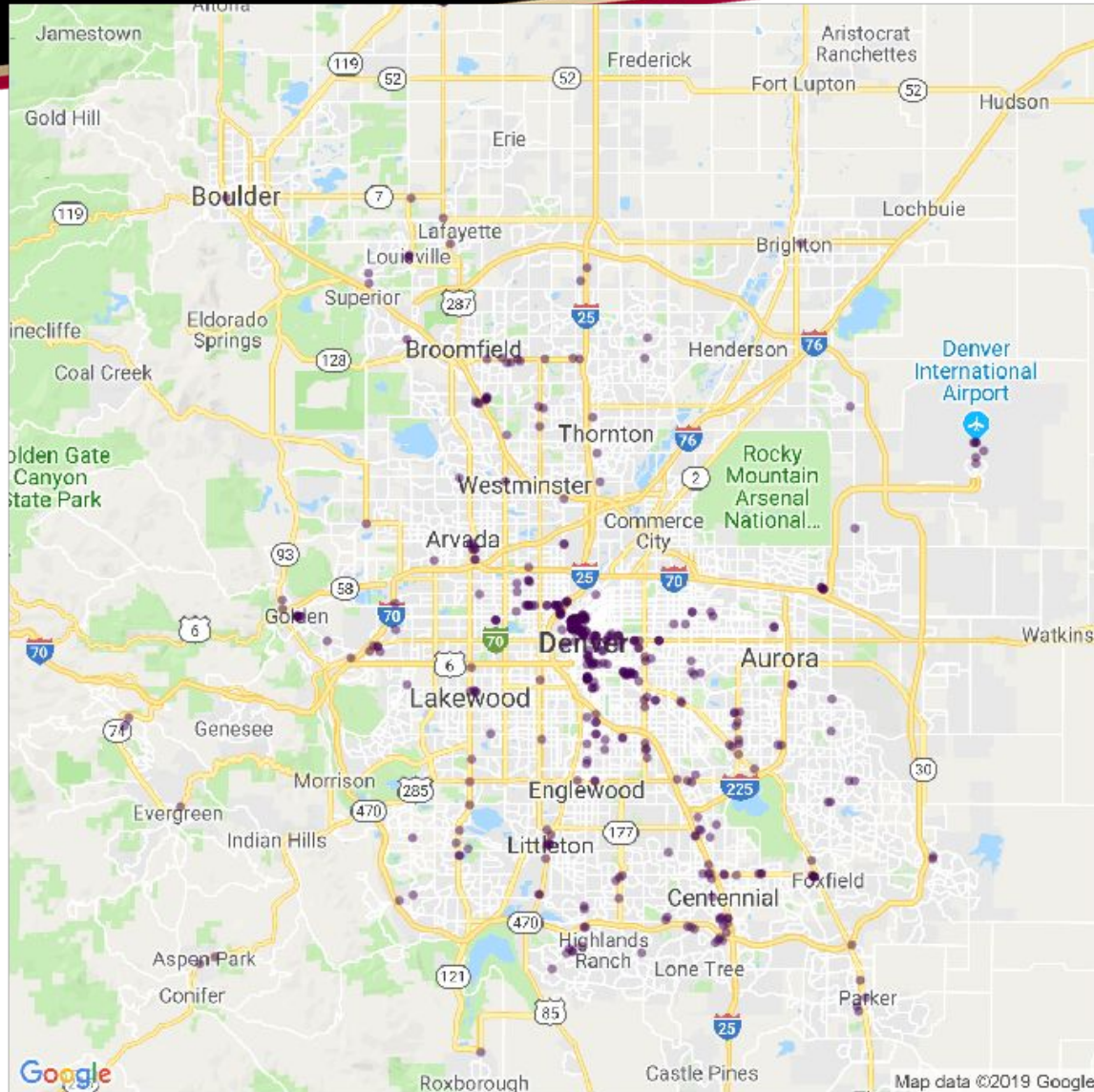
	res_id	name	lat	lng	cuisines	aggregate_rating	rating_text	votes	FirstCuisine	SecondCuisine	ThirdCuisine
2	16970329	My Brother's Bar	39.7563250000	-105.0092388889	American, Bar Food	4.7	Excellent	274	American	Bar Food	None
0	16974402	Euclid Hall	39.7477200000	-104.9999900000	Bar Food, American	4.5	Excellent	382	Bar Food	American	None
5	16973111	Vine Street Pub	39.7434166667	-104.9619916667	American, Bar Food	4.5	Excellent	149	American	Bar Food	None
1	16973012	Wynkoop	39.7533500000	-104.9985300000	American, Burger, Bar Food	4.4	Very Good	420	American	Burger	Bar Food
4	16967466	Bull & Bush	39.7032250000	-104.9324194444	American, Bar Food	4.4	Very Good	176	American	Bar Food	None
13	16970161	Mead Street Station	39.7623500000	-105.0352900000	American, Bar Food	4.3	Very Good	98	American	Bar Food	None
6	16974353	Highland Tap and Burger	39.7622700000	-105.0133300000	American, Burger, Bar Food	4.3	Very Good	134	American	Burger	Bar Food
8	16974072	Cheddar's Scratch Kitchen	39.5936100000	-104.8043100000	American, Burger, Bar Food	4.3	Very Good	88	American	Burger	Bar Food

Top 10 Mexican Cuisine v/ Aggregate Rating



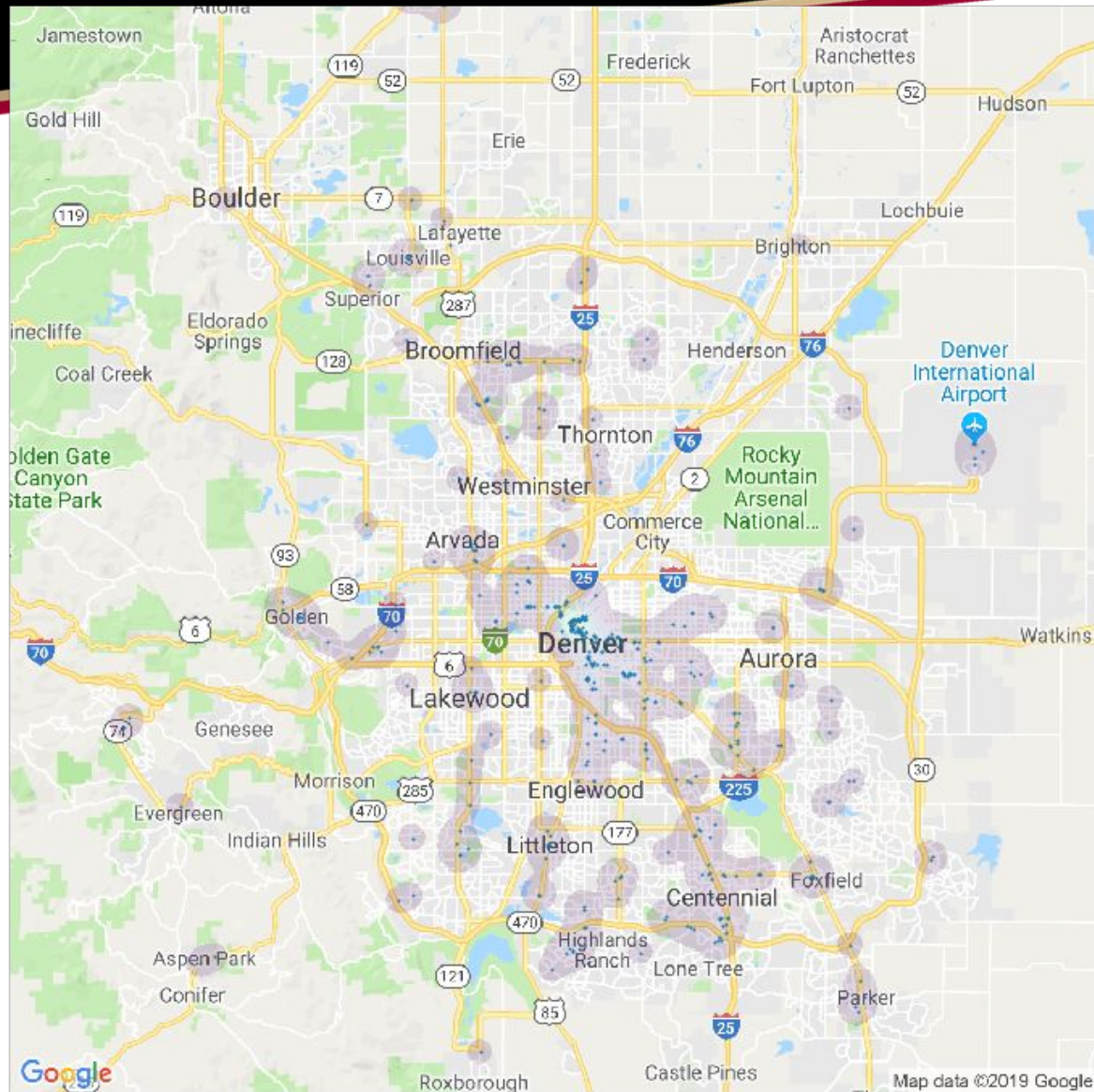


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