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Contractors

Restaurants

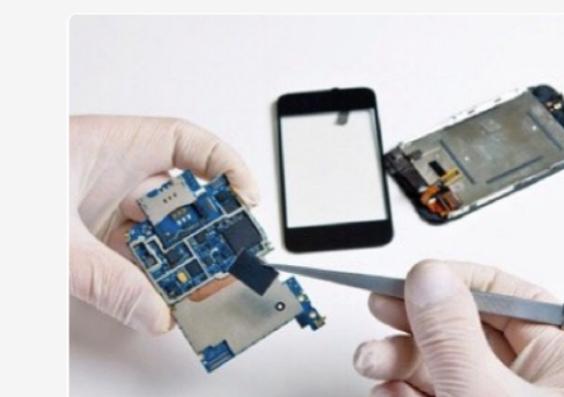
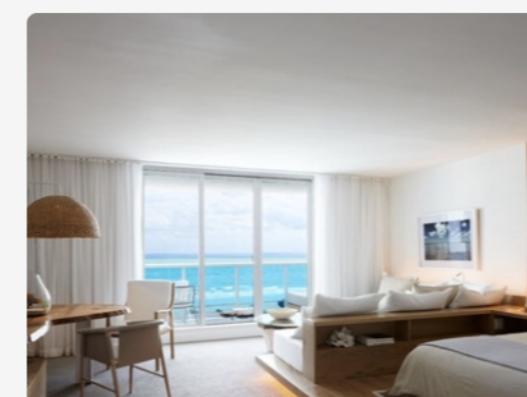
Home Services

Delivery

Amaranth Bakery & Cafe

Photo by Jen K.

Find the Best Businesses in Town



Team 8

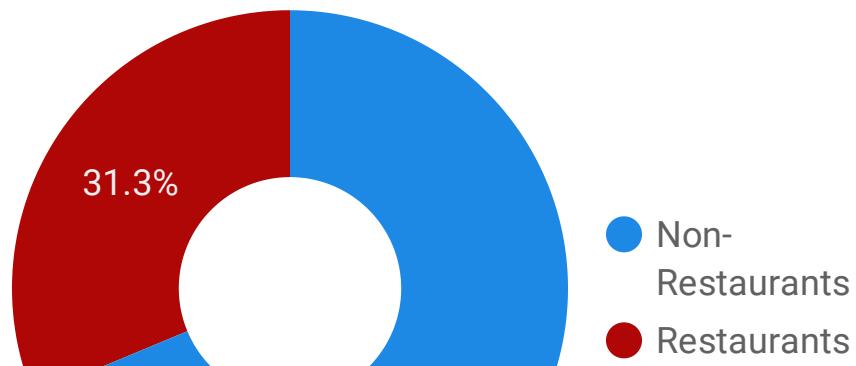


**Kyle Blackburn,
Hongyang Liu, Lyufan Pan
Mansi Tolia, Fernanda Lin**

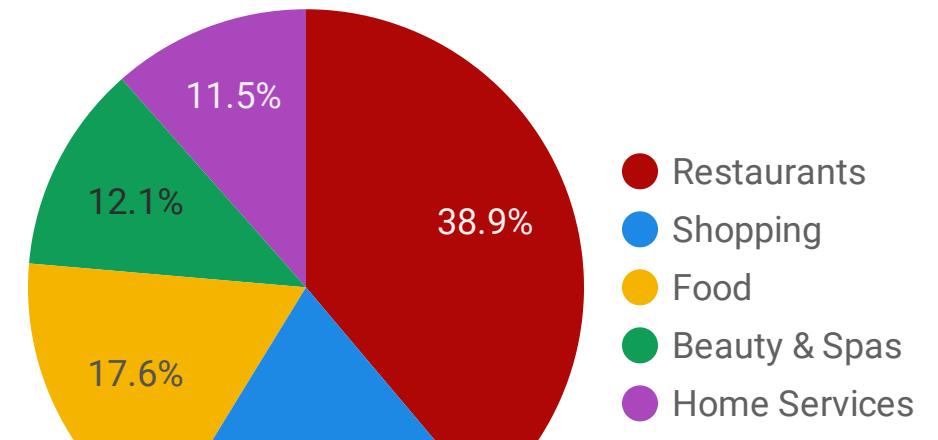
Why we chose Restaurants



Restaurants vs. Non-Restaurants



Restaurants Proportion in Top 5 Category



AIM: Come up with top 3 cities to open restaurants in and find a unique combination of possible cuisines and attributes that would make the restaurant popular in each city, respectively

Star Distribution



Data Set Configuration Error

Data Studio cannot connect to your data set.

[See details](#)

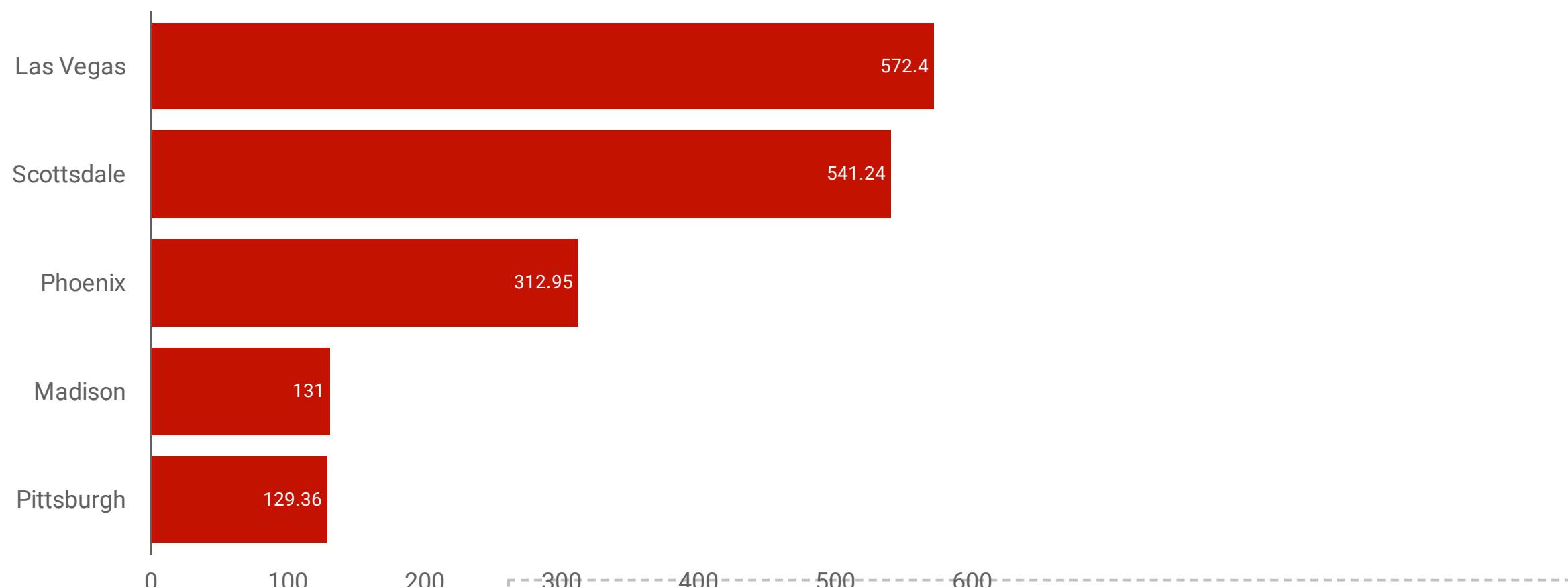
City	Number of restaurants
Toronto	7,148
Las Vegas	5,902
Phoenix	3,652
Montréal	3,332
Charlotte	2,461
Pittsburgh	2,208
Edinburgh	1,502
Scottsdale	1,451
Cleveland	1,364
Mississauga	1,304
Mesa	1,120
Stuttgart	1,050

Restaurant Distribution

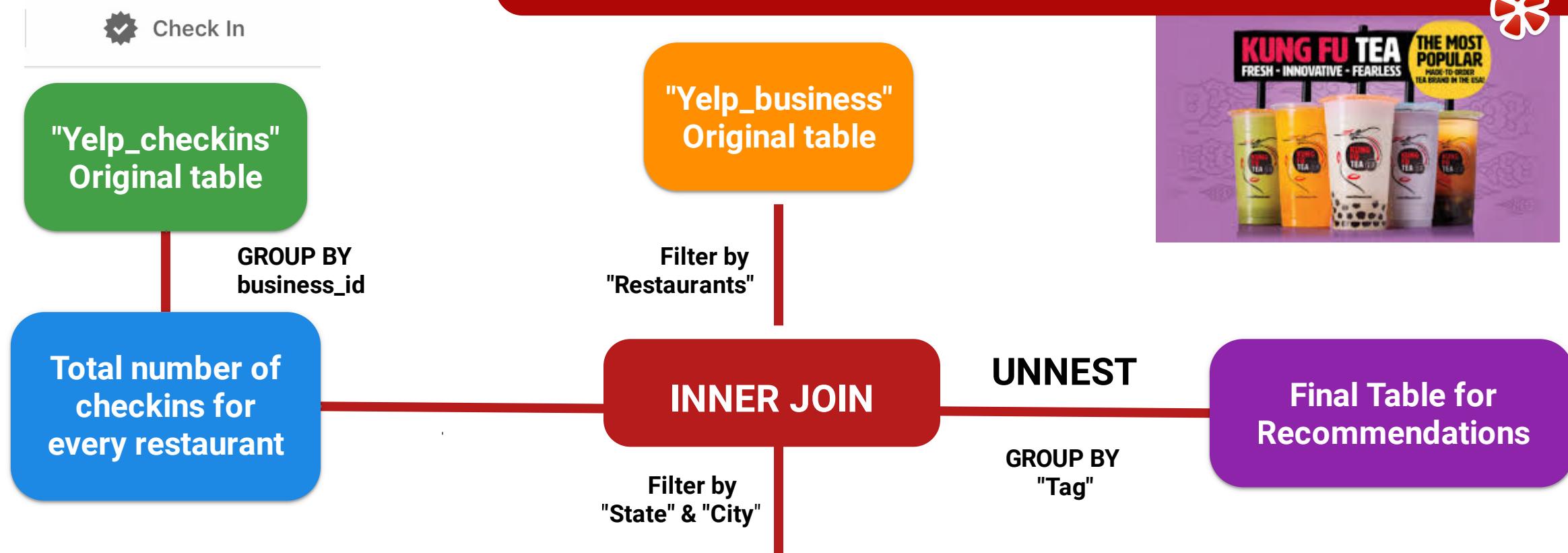
Total number of Restaurants

54,630

Average check in per week



Data Processing Flow

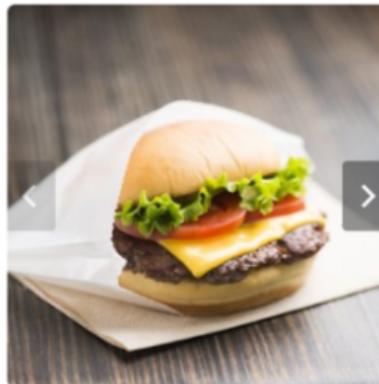


business_id	name	city	stars	review_count	total_checkins
1. IZivKqtHyz...	"Kung Fu Tea"	Las Vegas	4.5	1,041	32,393
2. EI4FC8jca...	"MGM Grand ...	Las Vegas	3	3,444	28,272
3. RESDUcs7f...	"Bacchanal Bu...	Las Vegas	4	7,009	26,378
4. DkYS3arLO...	"Earl of Sandw...	Las Vegas	4.5	4,869	25,158
5. K7IWdNUh...	"Wicked Spoon"	Las Vegas	3.5	5,950	20,990
6. 4JNXUYY8...	"Mon Ami Gabi"	Las Vegas	4	7,361	19,138

Tags in Las Vegas



Every restaurant has multiple “tags” attached to it.



1. Shake Shack

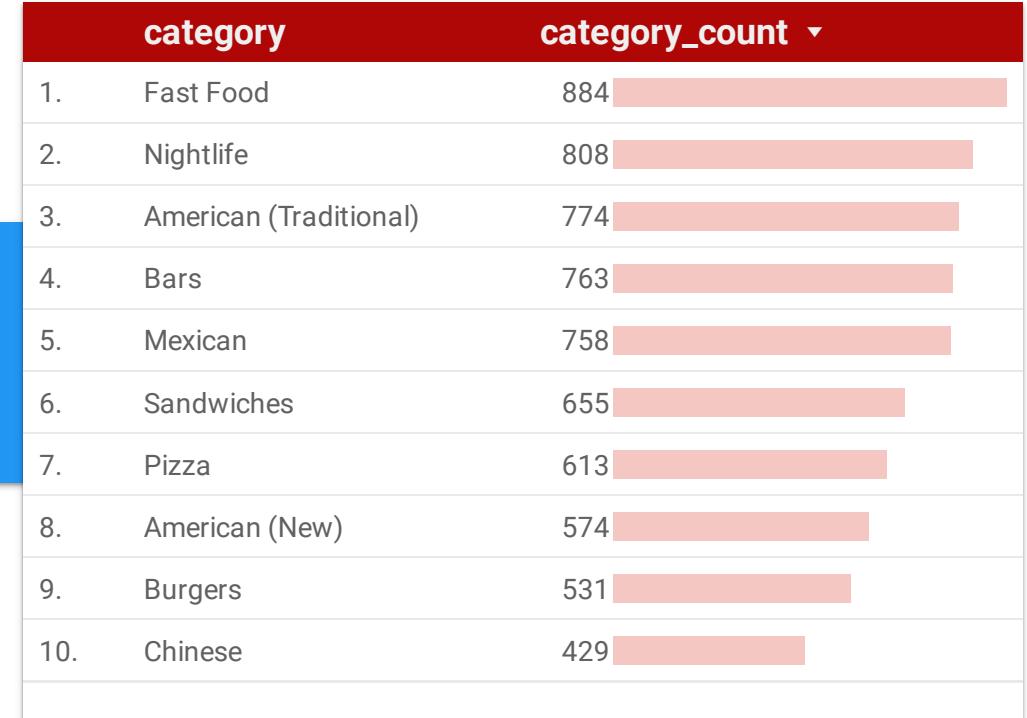
★★★★★ 368 reviews

\$\$ - Burgers, Hot Dogs, Ice Cream & Frozen Yogurt

We separated out the restaurants and grouped them according to the tags they belong to.



This gave us the top 10 most frequently appearing tags in Las Vegas



Las Vegas: Recommendation



Amongst these 10 tags, we tried to figure out which tags helped restaurants perform well in Las Vegas

Good Performance =
Highest no. of average checkins per week +
Higher than average star ratings (3.5)

Weekly average check-ins for top performing tags in Las Vegas



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We recommend a restaurant which would serve Mexican food, have a bar and host nightlife.

Phoenix: Recommendation



Weekly average check-ins for top performing tags in Phoenix



Data Set Configuration Error

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[See details](#)

We recommend a restaurant which would serve either Mexican or American food, have a bar, host nightlife and have an option of serving Breakfast/Brunch.

Scottsdale: Recommendation



Weekly average check-ins for top-performing tags in Scottsdale



Data Set Configuration Error

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We recommend a restaurant which would preferably serve American food or alternatively, Italian food, have a bar, host nightlife and most importantly, serve Breakfast/Brunch.

Average Stars for Attributes



Unknown data source

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[See details](#)



Unknown data source

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[See details](#)

Word Clouds for Reviews



Tasty Small Friend Place Amazing Fresh First Love Those Time Wine Dish Eat People Perfect Again Happy Again Salad Herbs Almond Fish Dessert Husband Check Kind Actually Bar Favorite Vegas Beer Bread Plate

4 & 5 - Star Yelp Reviews

1 & 2 - Star Yelp Reviews

Summary



LAS VEGAS: Serve Mexican food, have a bar and host nightlife

PHOENIX: Serve Mexican / American food, have a bar, host nightlife & have an option of serving Breakfast/Brunch

SCOTTSDALE: Serve Breakfast/Brunch, American / Italian food, have a bar & host nightlife

GENERAL ATTRIBUTES: Accepting credit cards as payment, providing alcohol & a parking garage is strongly encouraged



Thank you!