

A collage of fast food items including burgers, fries, chicken, and a soda bottle with a glass of iced drink.

Food Industry Analysis

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Food Industry Analysis

2022

2023

Total Revenue

1bn

Average Rating

3.01

Total Restaurants

10

Total Location

10

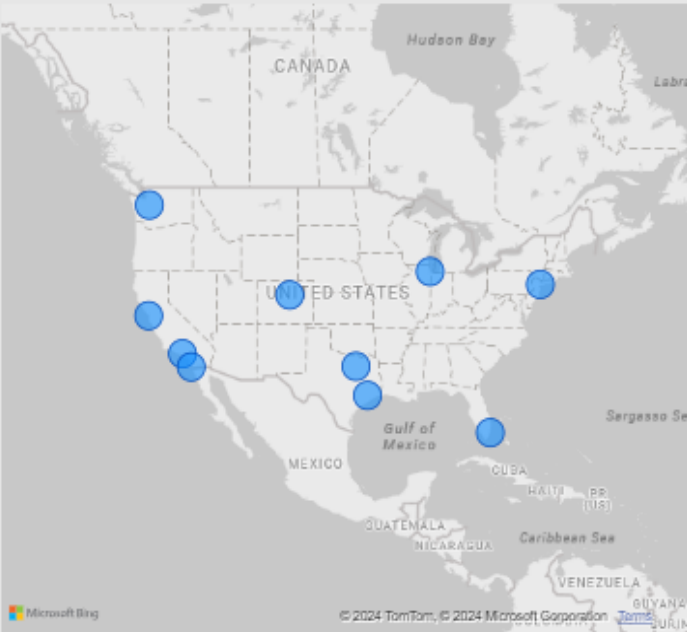
Average Cost

109.50

Cuisine Types

10

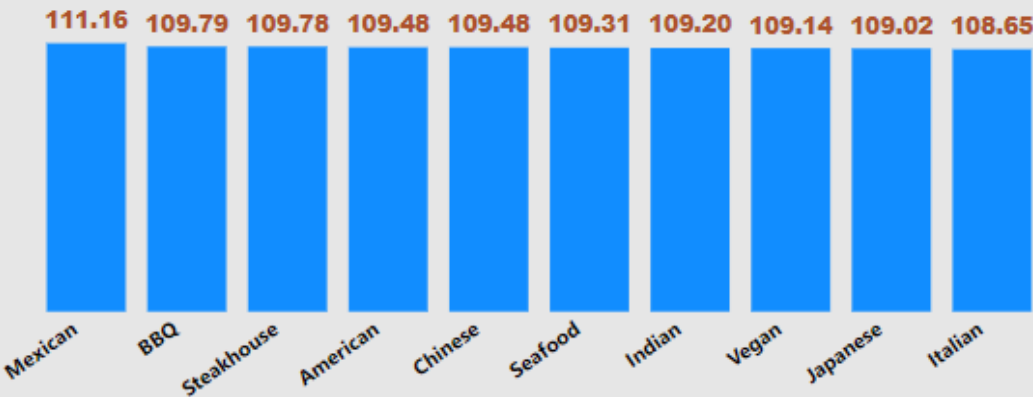
Total Revenue per Location



Cuisine Type Wise Average Rating

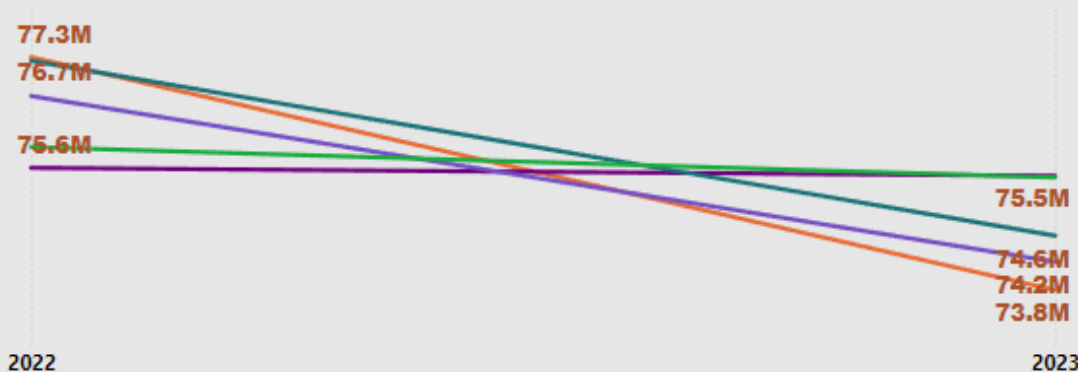


Average Cost by Cuisine Type

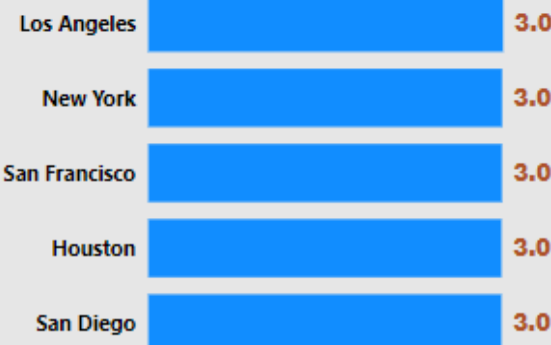


Average Cost for Two by Cuisine Type

CuisineType ● Chinese ● Indian ● Japanese ● Steakhouse ● Vegan

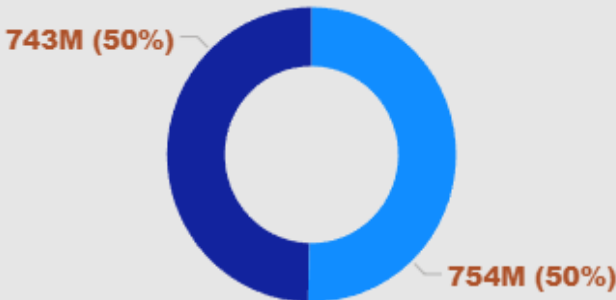


Average Cost for Two by Cuisine Type



Sum of Revenue by Year

Year ● 2022 ● 2023



```
4      # Q1). Top 5 Restaurants by Revenue
5      •  select restaurantname, revenue
6          from food order by revenue desc
7          limit 5;
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:







Fetch rows:






	restaurantname	revenue
►	Seafood Shack	49999
	Pasta Palace	49998
	BBQ Heaven	49997
	BBQ Heaven	49997
	Pasta Palace	49996

```
9      # Q2). Average Rating by Cuisine Type
10 •    select cuisinetype, avg(averagerating) as average_rating
11      from food
12      group by cuisinetype;
13
```

Result Grid   Filter Rows: <input type="text"/>			Export: 	Wrap Cell Content: 
	cuisinetype	average_rating		
▶	Seafood	3.0177242888402582		
	Indian	3.0132832575607824		
	American	2.9976399999999974		
	Vegan	3.0105553367467395		
	Italian	3.021192996742659		
	Mexican	3.0202057613168685		
	Japanese	2.983971434239233		
	Chinese	3.004622434747948		
	BBQ	2.9916140850804007		
	Steakhouse	3.0022981732469023		






```
14 # Q3). Total Reviews by Location
15 • select location, sum(totalreviews) as total_reviews
16 from food
17 group by location;
```

Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 		
	location	total_reviews
▶	Miami	2612458
	Dallas	2642437
	San Francisco	2622465
	Seattle	2592376
	Denver	2644523
	Los Angeles	2641746
	San Diego	2710159
	Houston	2590728
	Chicago	2606093
	New York	2639291

```

19  # Q4). Year-over-Year Revenue Growth
20  • select restaurantid, `year`, revenue,
21     lag(revenue) over (partition by restaurantid order by `year`) as prevyearrevenue,
22     (revenue - lag(revenue) over (partition by restaurantid order by `year`)) / lag(revenue) over (partition by restaurantid order by `year`) * 100 as yoyrevenue
23  from food;

```

Result Grid   Filter Rows: Export:  Wrap Cell Content:  Fetch rows: 

	restaurantid	year	revenue	prevyearrevenue	yoyrevenue
▶	1	2022	36952	NULL	NULL
	2	2022	49085	NULL	NULL
	3	2023	21606	NULL	NULL
	4	2022	47151	NULL	NULL
	5	2023	24400	NULL	NULL
	6	2022	10714	NULL	NULL
	7	2022	41909	NULL	NULL
	8	2022	39050	NULL	NULL
	9	2023	29912	NULL	NULL
	10	2022	34951	NULL	NULL
	11	2023	37599	NULL	NULL
	12	2022	44460	NULL	NULL
	13	2022	46531	NULL	NULL
	14	2022	37226	NULL	NULL

```
25 # Q5). Top 5 Most Reviewed Restaurants
26 • select restaurantname, totalreviews
27 from food
28 order by totalreviews desc
29 limit 5;
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



Fetch rows:



	restaurantname	totalreviews
▶	Pasta Palace	999
	Sushi World	999
	Taco Town	999
	BBQ Heaven	999
	Pasta Palace	999


```
31 # Q6). Average Cost for Two by Location
32 • select location, avg(averagecostfortwo) as averagecostfortwo
33 from food
34 group by location;
35
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	location	averagecostfortwo
▶	Miami	108.7586
	Dallas	109.9662
	San Francisco	109.9359
	Seattle	109.2808
	Denver	108.0894
	Los Angeles	109.8754
	San Diego	110.1716
	Houston	109.8992
	Chicago	110.1383
	New York	108.8481


```
31 # Q6). Average Cost for Two by Location
32 • select location, avg(averagecostfortwo) as averagecostfortwo
33 from food
34 group by location;
--
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	location	averagecostfortwo
▶	Miami	108.7586
	Dallas	109.9662
	San Francisco	109.9359
	Seattle	109.2808
	Denver	108.0894
	Los Angeles	109.8754
	San Diego	110.1716
	Houston	109.8992
	Chicago	110.1383
	New York	108.8481

```
36 # Q7). Revenue Distribution by Cuisine Type:
37 • select cuisinetype, sum(revenue) as revenue_distribution
38 from food
39 group by cuisinetype;
40
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	cuisinetype	revenue_distribution
▶	Seafood	150334922
	Indian	151160828
	American	150288245
	Vegan	151450166
	Italian	146315936
	Mexican	146060334
	Japanese	150946741
	Chinese	151106039
	BBQ	147571032
	Steakhouse	151871533

```
41 # Q8). Top 10 Locations by Number of Restaurants
42 • select location, count(restaurantid) as number_of_restaurants
43 from food
44 group by location
45 order by number_of_restaurants desc
46 limit 10;
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



Fetch rows:



	location	number_of_restaurants
►	San Diego	5082
	New York	5031
	Denver	5021
	Miami	5012
	San Francisco	5009
	Los Angeles	5007
	Dallas	4997
	Seattle	4957
	Chicago	4952
	Houston	4932

```
48 # Q9). Revenue Comparison Between Different Years
49 • select year, sum(revenue) as total_revenue
50 from food
51 group by year
52 order by year;
53
```

Result Grid



Filter Rows:

Export:






Wrap Cell Content:



	year	total_revenue
▶	2022	754274510
	2023	742831266

```
54 # Q10). Restaurants with Ratings Above 4.5
55 • select restaurantname, averagerating
56 from food
57 where averagerating > 4.5;
58
```

Result Grid  Filter Rows: <input type="text"/> Export:  Wrap Cell Content: 		
	restaurantname	averagerating
▶	Dim Sum House	4.9
	Green Delight	4.9
	Seafood Shack	4.7
	Seafood Shack	4.8
	Green Delight	4.7
	BBQ Heaven	4.7
	Green Delight	4.6
	Sushi World	5
	Dim Sum House	4.6
	Seafood Shack	4.9
	BBQ Heaven	4.8
	Dim Sum House	4.8
	Spice Hub	4.9
	Dim Sum House	4.8
	BBQ Heaven	4.7

```
59 # Q11). Locations with Average Rating Below 3.5
60 • select location, avg(averagerating) as average_rating
61 from food
62 group by location
63 having avg(averagerating) < 3.5;
64
```

Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	location	average_rating
▶	Miami	3.0124102154828343
	Dallas	2.9955573344006305
	San Francisco	3.017428628468759
	Seattle	2.998265079685287
	Denver	2.98161720772754
	Los Angeles	3.02774116237267
	San Diego	3.0135379771743334
	Houston	3.013969991889699
	Chicago	2.9827544426494357
	New York	3.0190220632081015

```
75 # Q13). Cuisine Types with the Highest Average Cost for Two
76 • select cuisinetype, avg(averagecostfortwo) as averagecostfortwo
77 from food
78 group by cuisinetype
79 order by averagecostfortwo desc
80 limit 5;
81
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:








Fetch rows:




	cuisinetype	averagecostfortwo
►	Mexican	111.1578
	BBQ	109.7865
	Steakhouse	109.7788
	American	109.4804
	Chinese	109.4798


```
82 # Q14). Most Popular Cuisine Types by Average Rating
83 • select cuisinetype, avg(averagerating) as averagerating
84 from food
85 group by cuisinetype
86 order by averagerating desc
87 limit 5;
```

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content:  | Fetch rows: 





	cuisinetype	averagerating
▶	Italian	3.021192996742659
	Mexican	3.0202057613168685
	Seafood	3.0177242888402582
	Indian	3.0132832575607824
	Vegan	3.0105553367467395

```
89 # Q15). Revenue Distribution by Year and Cuisine Type
90 • select cuisinetype, year, sum(revenue) as totalrevenue
91 from food
92 group by cuisinetype, year
93 order by year, totalrevenue desc;
```

Result Grid   Filter Rows: | Export:  | Wrap Cell Content: 

	cuisinetype	year	totalrevenue
▶	Chinese	2022	77310300
	Steakhouse	2022	77255083
	Japanese	2022	76724840
	American	2022	76613299
	Vegan	2022	75954185
	Indian	2022	75640989
	Seafood	2022	74889969
	BBQ	2022	74185622
	Mexican	2022	72939639
	Italian	2022	72760584
	Indian	2023	75519839
	Vegan	2023	75495981

```
95 # Q16). Average Cost for Two by Cuisine Type
96 • select cuisinetype, avg(averagecostfortwo) as averagecostfortwo
97 from food
98 group by cuisinetype
99 order by averagecostfortwo desc;
```

Result Grid |   Filter Rows: | Export:  | Wrap Cell Content: 

	cuisinetype	averagecostfortwo
▶	Mexican	111.1578
	BBQ	109.7865
	Steakhouse	109.7788
	American	109.4804
	Chinese	109.4798
	Seafood	109.3113
	Indian	109.2008
	Vegan	109.1369
	Japanese	109.0171
	Italian	108.6504

```
101 # Q17). Top 5 Cities by Average Restaurant Rating
102 • select location, avg(averagerating) as average_rating
103 from food
104 group by location
105 order by average_rating desc
106 limit 5;
107
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



Fetch rows:



	location	average_rating
►	Los Angeles	3.02774116237267
	New York	3.0190220632081015
	San Francisco	3.017428628468759
	Houston	3.013969991889699
	San Diego	3.0135379771743334

```
108 # Q18). Total Revenue per Location
109 • select location, sum(revenue) as total_revenue
110 from food
111 group by location
112 order by total_revenue;
113
```

Result Grid



Filter Rows:

Export:



Wrap Cell Content:



	location	total_revenue
▶	Seattle	148129234
	Chicago	148435336
	Houston	148659130
	Miami	148798949
	Dallas	149593339
	Los Angeles	149856868
	New York	149891593
	San Francisco	150236362
	Denver	150272643
	San Diego	153232322

```

114 # Q19). Yearly Revenue Trend for Top 5 Cuisine Types
115 • with topcuisinetypes as (
116     select cuisinetype
117     from food
118     group by cuisinetype
119     order by avg(averagerating) desc
120     limit 5)
121
122     select f.year, f.cuisinetype, sum(f.revenue) as total_revenue
123     from food as f
124     join topcuisinetypes as t
125     on f.cuisinetype = t.cuisinetype
126     group by f.year, f.cuisinetype
127     order by f.year, total_revenue desc;

```

Result Grid |  Filter Rows: | Export:  | Wrap Cell Content: 

	year	cuisinetype	total_revenue
▶	2022	Vegan	75954185
	2022	Indian	75640989
	2022	Seafood	74889969
	2022	Mexican	72939639
	2022	Italian	72760584



Thank
You