



# RESTAURANT ORDER ANALYSIS

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# SITUATION

You've just been hired as a Data Analyst for the taste of the World Café, a restaurant that has diverse menu offerings and severe generous portion.

# CHALLENGES

The Taste of the World Café debuted a new menu at the start of the year.

The task is to dig into the customer data to see:

- i) which menu items are doing well and not well
- ii) what the top customers seem to like best

# OBJECTIVES

- Explore the menu\_items table to get an idea of what's on the menu.
- Explore the order\_details table to get an idea of the data that's been collected.
- Use both tables to understand how customers are reacting to the new menu.

# INSIGHTS

We can see the menu item table here in which as we can observe there are 4 different categories.

We can also observe the average prices for the four different categories.

	category	avg_price
1	American	10.06666666666667
2	Asian	13.475
3	Italian	16.75
4	Mexican	11.8

	menu_item_id	item_name	category	price
1	101	Hamburger	American	12.95
2	102	Cheeseburger	American	13.95
3	103	Hot Dog	American	9
4	104	Veggie Burger	American	10.5
5	105	Mac & Cheese	American	7
6	106	French Fries	American	7
7	107	Orange Chicken	Asian	16.5
8	108	Tofu Pad Thai	Asian	14.5
9	109	Korean Beef Bowl	Asian	17.95
10	110	Pork Ramen	Asian	17.95
11	111	California Roll	Asian	11.95
12	112	Salmon Roll	Asian	14.95
13	113	Edamame	Asian	5
14	114	Potstickers	Asian	9
15	115	Chicken Tacos	Mexican	11.95
16	116	Steak Tacos	Mexican	13.95
17	117	Chicken Burrito	Mexican	12.95
18	118	Steak Burrito	Mexican	14.95
19	119	Chicken Torta	Mexican	11.95
20	120	Steak Torta	Mexican	13.95
21	121	Cheese Quesadillas	Mexican	10.5
22	122	Chips & Salsa	Mexican	7
23	123	Chips & Guacamole	Mexican	9
24	124	Spaghetti	Italian	14.5
25	125	Spaghetti & Meatballs	Italian	17.95
26	126	Fettuccine Alfredo	Italian	14.5
27	127	Meat Lasagna	Italian	17.95
28	128	Cheese Lasagna	Italian	15.5
29	129	Mushroom Ravioli	Italian	15.5
30	130	Shrimp Scampi	Italian	19.95
31	131	Chicken Parmesan	Italian	17.95
32	132	Eggplant Parmesan	Italian	16.95

# INSIGHTS

We can also observe here top 5 orders that spent most money.

	order_id	total_spend
▶	440	192.15
	2075	191.05
	1957	190.10
	330	189.70
	2675	185.10

We can also observe the top order\_id #440 spend analysis on different categories.

	category	num_items
1	American	2
2	Asian	2
3	Italian	8
4	Mexican	2

# INSIGHTS

We can also observe the details of the top 5 highest spend order over here.

	order_id	category	num_items
1	1957	American	3
2	2075	American	1
3	2675	American	3
4	330	American	1
5	440	American	2
6	1957	Asian	3
7	2075	Asian	3
8	2675	Asian	3
9	330	Asian	6
10	440	Asian	2
11	1957	Italian	5
12	2075	Italian	6
13	2675	Italian	4
14	330	Italian	3
15	440	Italian	8
16	1957	Mexican	3
17	2075	Mexican	3
18	2675	Mexican	4
19	330	Mexican	4
20	440	Mexican	2

# Findings

- We can observe that there is a great demand for Italian dishes .
- Even though the prices for Italian dishes is high the customer liked it most.
- The top five customers has also more likely ordered the Italian dishes over others.
- The highest spend is also the Italian dishes with the top customer ordering it over 8 times.





THANK YOU

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