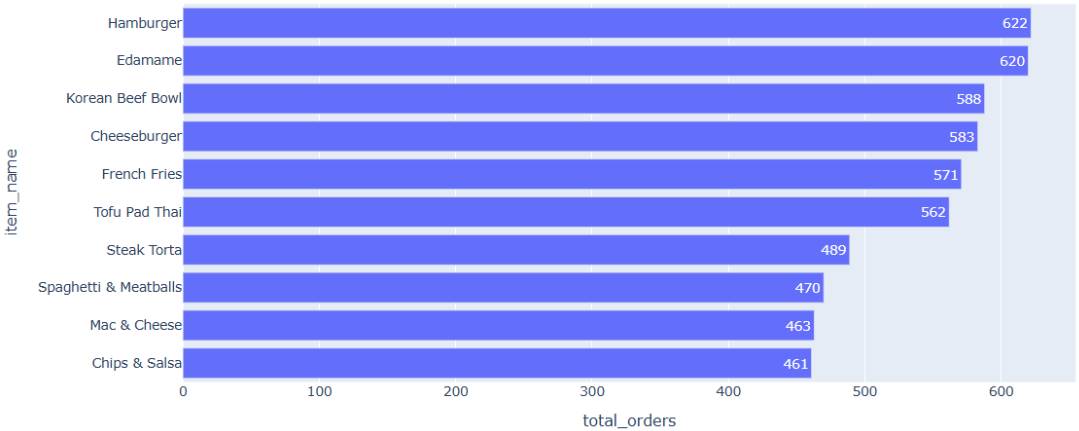


SQL Project Case Study: Restaurant Orders Dataset

By: Saniya Noori

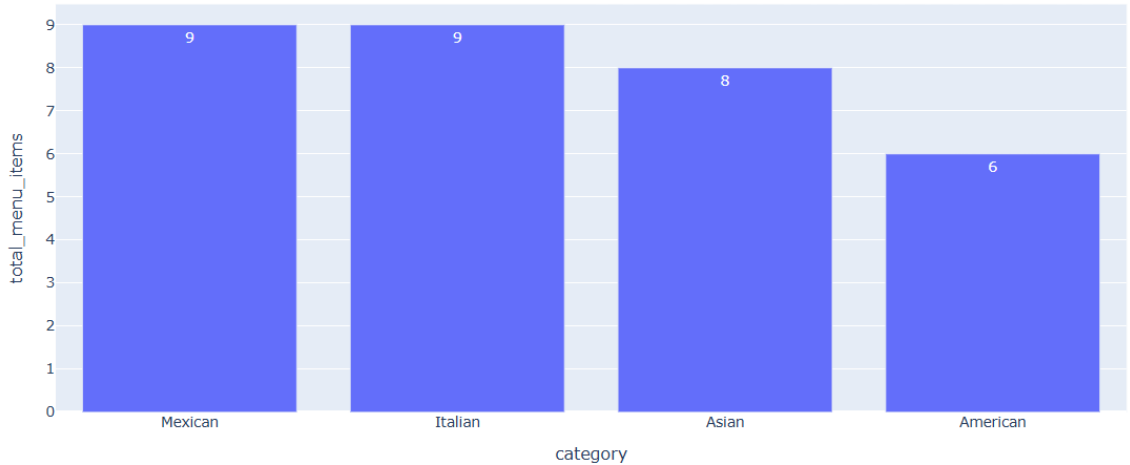
Top 10 Most Ordered Items.

Result Grid			Filter Rows:
	item_name	total_orders	
▶	Hamburger	622	
	Edamame	620	
	Korean Beef Bowl	588	
	Cheeseburger	583	
	French Fries	571	
	Tofu Pad Thai	562	
	Steak Torta	489	
	Spaghetti & Meatballs	470	
	Mac & Cheese	463	
	Chips & Salsa	461	



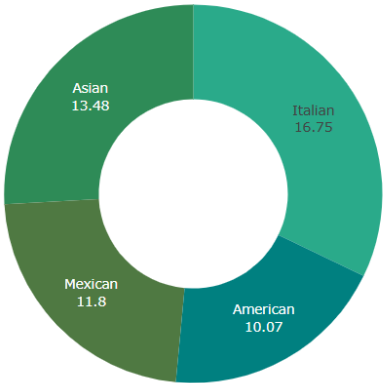
Category with highest number of Menu Items.

Result Grid			Filter Rows:
	category	total_menu_items	
▶	Mexican	9	
	Italian	9	
	Asian	8	
	American	6	



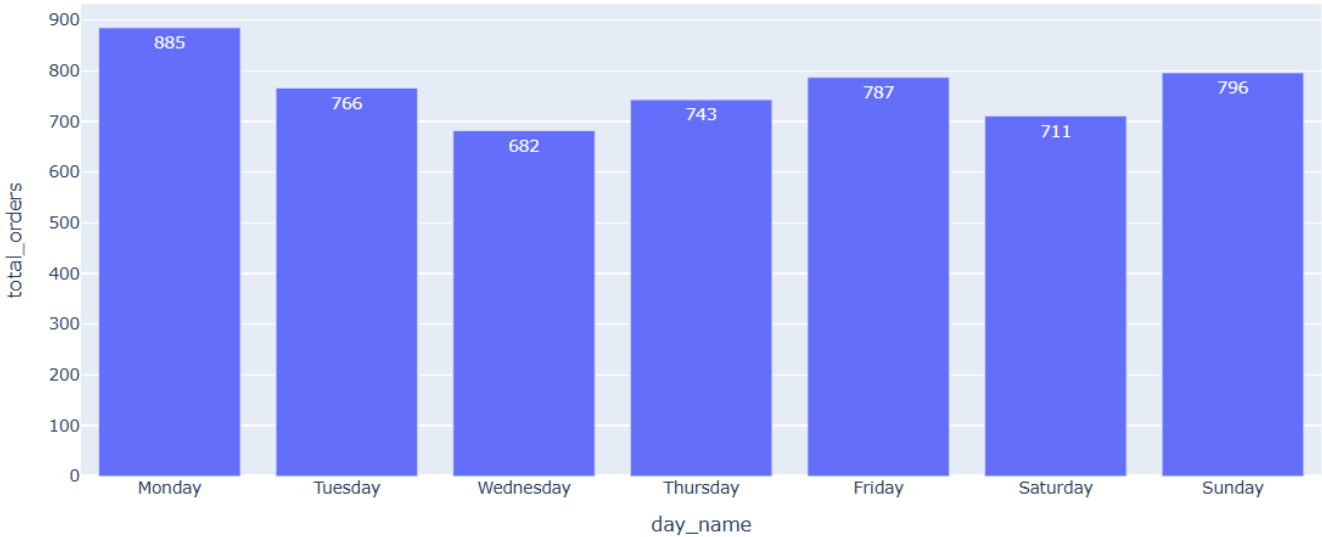
Average Price of Menu Items per Category.

Result Grid		Filter Rows
	category	avg_price
▶	American	10.07
	Asian	13.48
	Mexican	11.80
	Italian	16.75



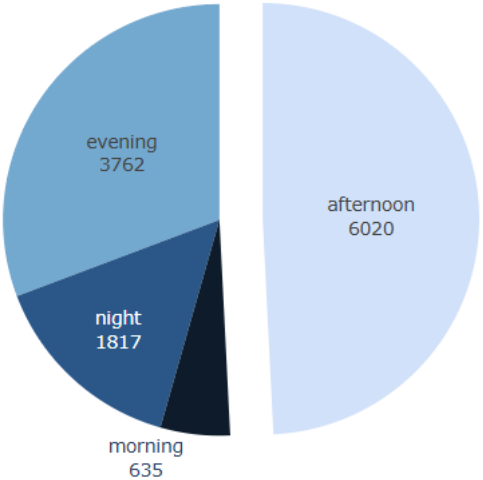
Most Orders Day-Wise.

Result Grid		Filter Rows:
	day_name	total_orders
▶	Monday	885
	Sunday	796
	Friday	787
	Tuesday	766
	Thursday	743
	Saturday	711
	Wednesday	682



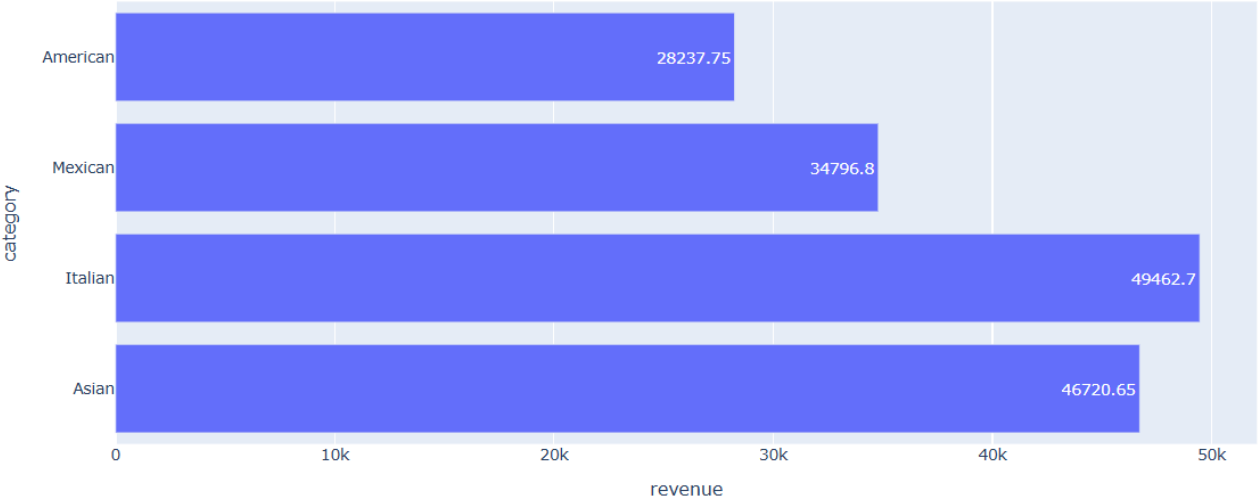
Distribution of Orders by Time of Day.

Result Grid			Filter Rows:
	time_of_day	total_orders	
▶	morning	635	
	afternoon	6020	
	evening	3762	
	night	1817	




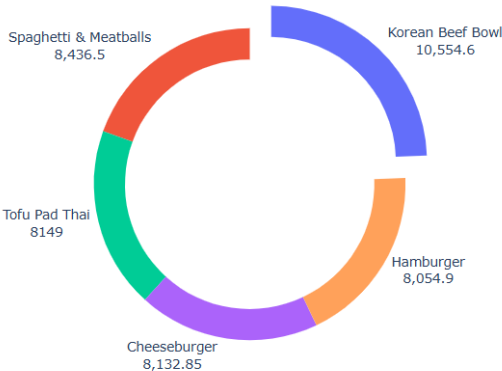
Total Revenue generated per Category.

Result Grid			Filter Rows:
	category	revenue	
▶	Asian	46720.65	
	Italian	49462.70	
	Mexican	34796.80	
	American	28237.75	




Top 5 Menu Items contribute the most to Total Revenue.

Result Grid		 Filter Rows:
	item_name	total_revenue
▶	Korean Beef Bowl	10554.60
	Spaghetti & Meatballs	8436.50
	Tofu Pad Thai	8149.00
	Cheeseburger	8132.85
	Hamburger	8054.90



Daily Sales trends for the last 30 days.

Result Grid

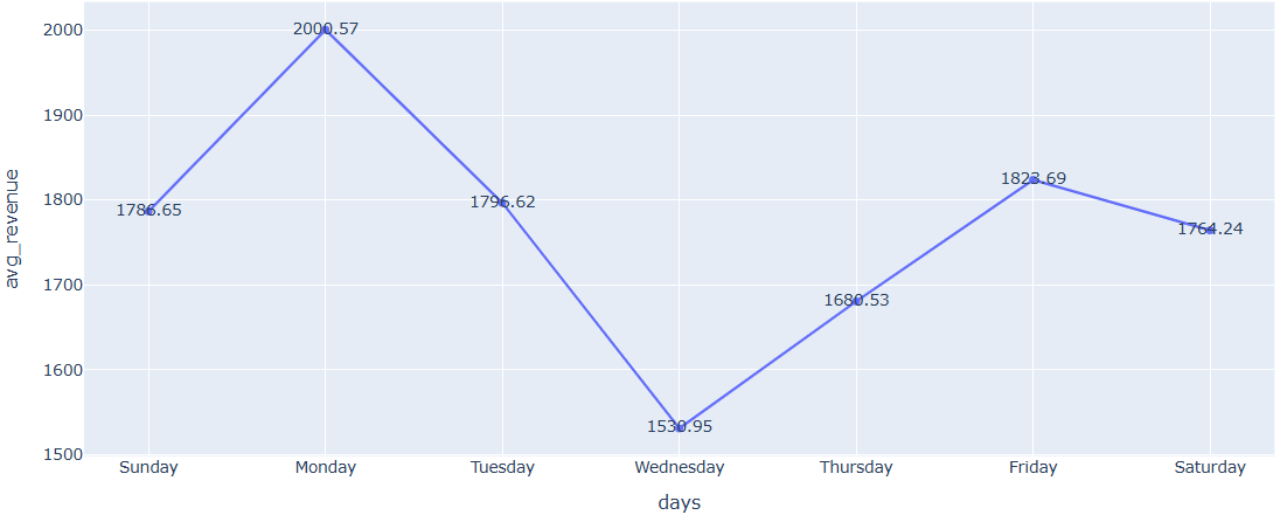
 Filter R

	order_date	qty_sold
▶	2023-03-01	99
	2023-03-02	138
	2023-03-03	133
	2023-03-04	144
	2023-03-05	140
	2023-03-06	145
	2023-03-07	139
	2023-03-08	132
	2023-03-09	136
	2023-03-10	142
	2023-03-11	132
	2023-03-12	115
	2023-03-13	173
	2023-03-14	122
	2023-03-15	124
	2023-03-16	140
	2023-03-17	176
	2023-03-18	119
	2023-03-19	143
	2023-03-20	148
	2023-03-21	134
	2023-03-22	76
	2023-03-23	131
	2023-03-24	128
	2023-03-25	115
	2023-03-26	136
	2023-03-27	167
	2023-03-28	138
	2023-03-29	129
	2023-03-30	133
	2023-03-31	159



Days of the Week with the Highest Average Revenue.

Result Grid	Filter Rows:
days	avg_revenue
Monday	2000.57
Friday	1823.69
Tuesday	1796.62
Sunday	1786.65
Saturday	1764.24
Thursday	1680.53
Wednesday	1530.95



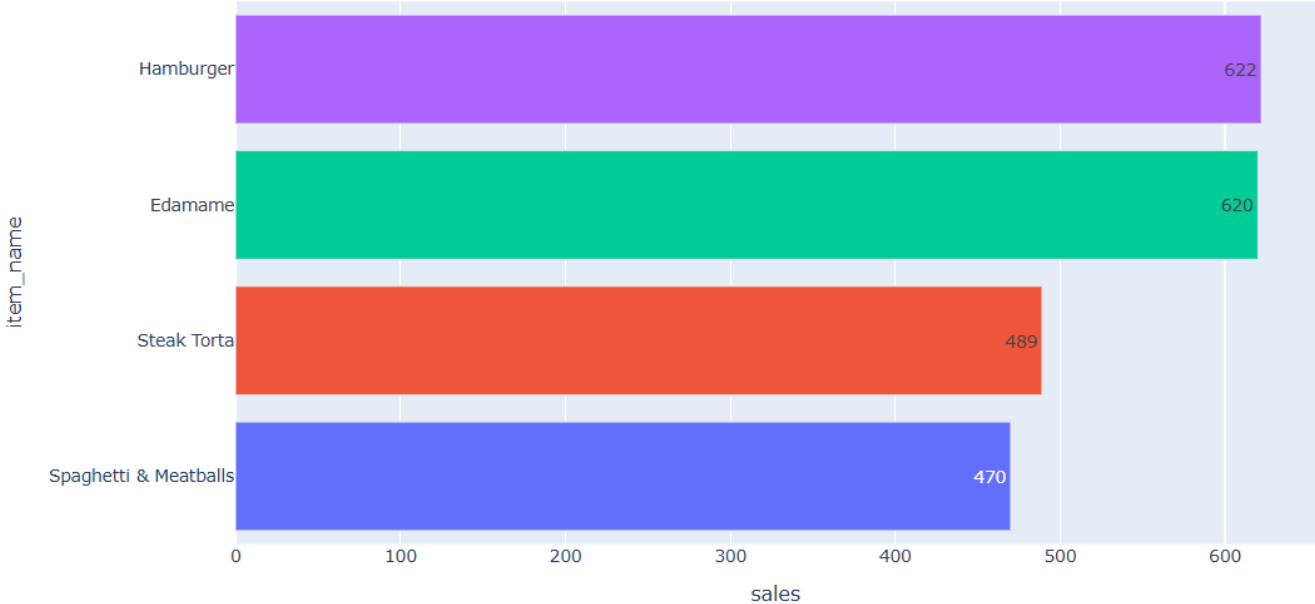
Top-Selling Item for each Category.

Result Grid

 Filter Rows:

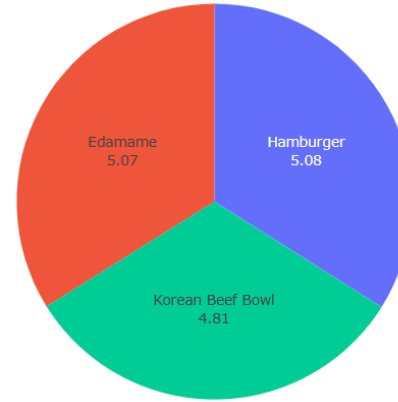
Export

	category	item_name	sales	rank
▶	American	Hamburger	622	1
	Asian	Edamame	620	1
	Italian	Spaghetti & Meatballs	470	1
	Mexican	Steak Torta	489	1



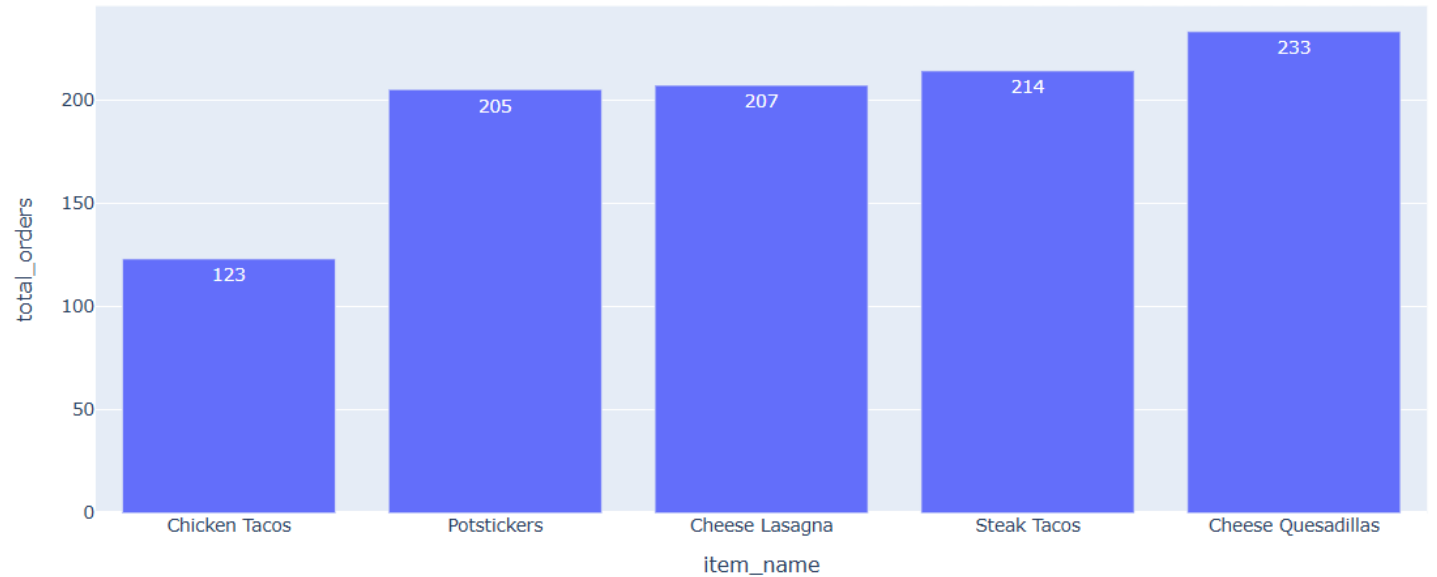
Sales Contribution of Top 3 Menu Items.

Result Grid	Filter Rows:	Exp
item_name	item_sales	pct_of_total_sales
Hamburger	622	5.08
Edamame	620	5.07
Korean Beef Bowl	588	4.81



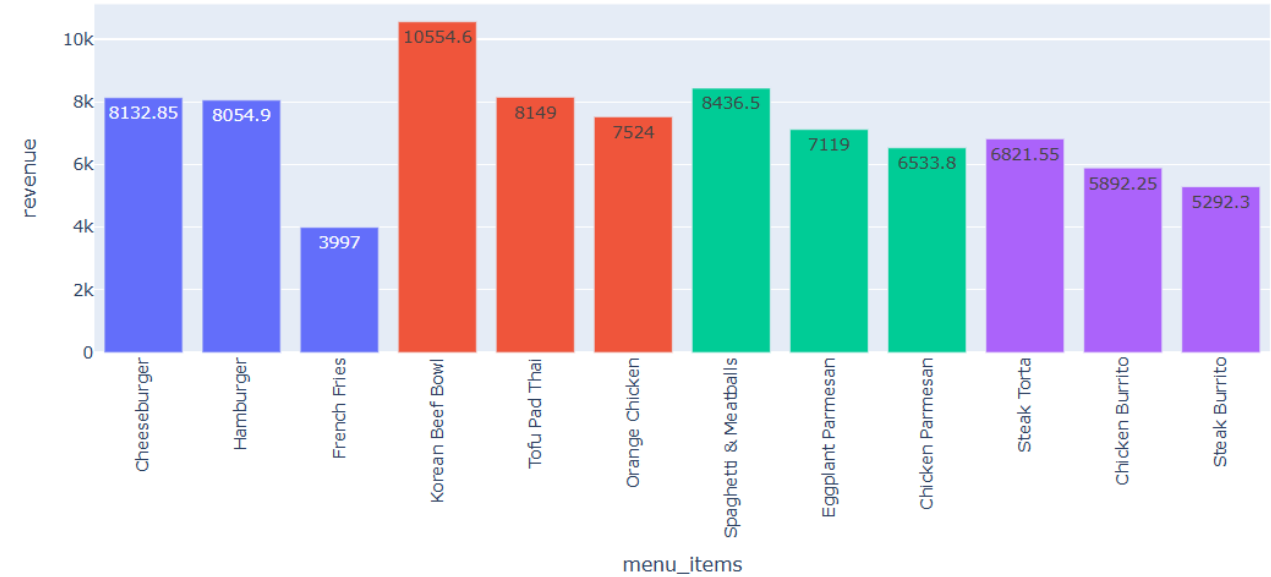
Top 5 Least Ordered Items.

Result Grid	Filter Rows:
item_name	total_orders
Chicken Tacos	123
Potstickers	205
Cheese Lasagna	207
Steak Tacos	214
Cheese Quesadillas	233



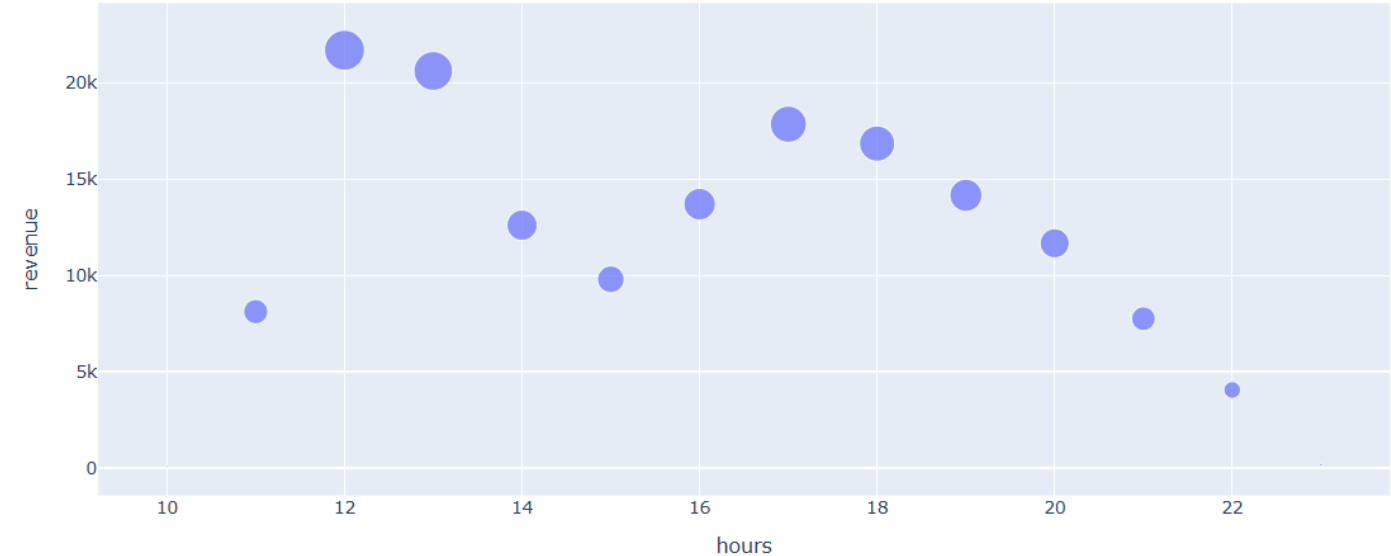
Top 3 Revenue-Generating Items per Category.

	category	item_name	revenue	ranks
▶	American	Cheeseburger	8132.85	1
	American	Hamburger	8054.90	2
	American	French Fries	3997.00	3
	Asian	Korean Beef Bowl	10554.60	1
	Asian	Tofu Pad Thai	8149.00	2
	Asian	Orange Chicken	7524.00	3
	Italian	Spaghetti & Meatballs	8436.50	1
	Italian	Eggplant Parmesan	7119.00	2
	Italian	Chicken Parmesan	6533.80	3
	Mexican	Steak Torta	6821.55	1
	Mexican	Chicken Burrito	5892.25	2
	Mexican	Steak Burrito	5292.30	3



Peak Revenue Hours.

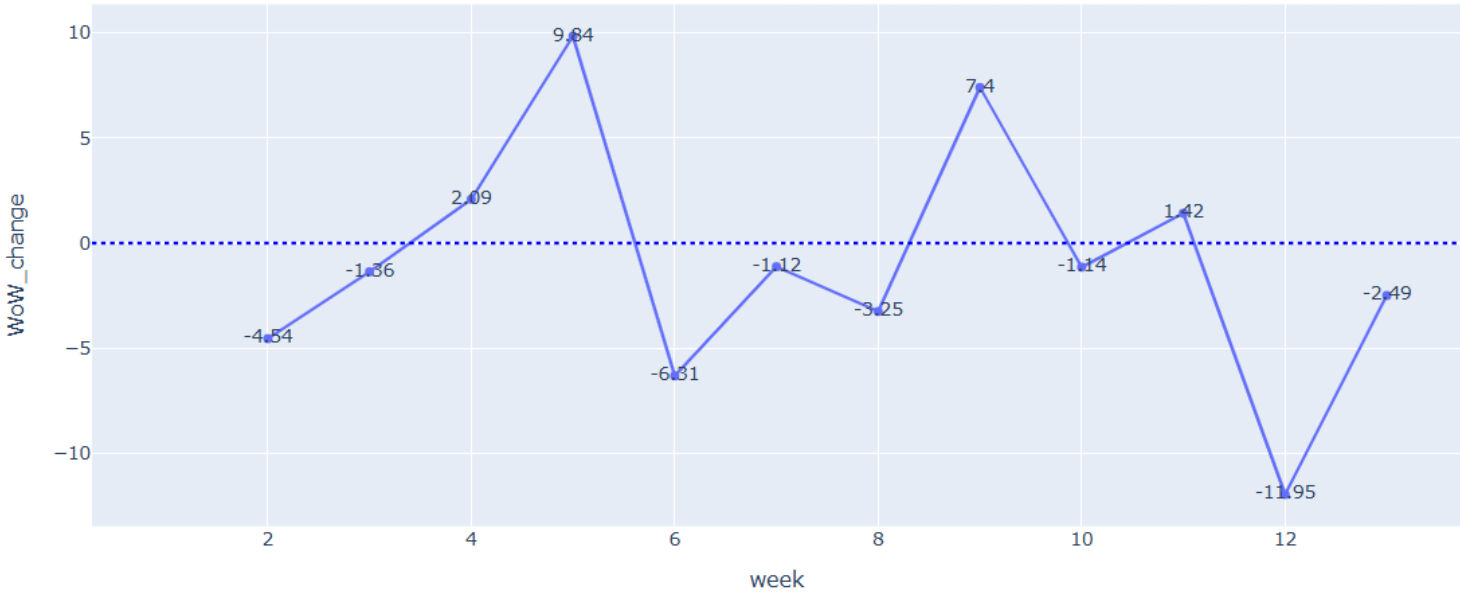
	hours	sales	revenue
▶	12	1659	21718.40
	13	1558	20640.25
	17	1355	17869.50
	18	1290	16861.50
	19	1074	14172.60
	16	1035	13711.65
	14	956	12615.70
	20	882	11678.60
	15	743	9803.90
	11	624	8122.50
	21	600	7754.35
	22	305	4047.80
	23	11	157.80
	10	5	63.35



Week-over-Week Revenue Growth.

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

	week	cur_week_revenue	prev_week_revenue	WoW_change
▶	1	12595.80	NULL	NULL
	2	12023.70	12595.80	-4.54
	3	11860.55	12023.70	-1.36
	4	12108.30	11860.55	2.09
	5	13299.90	12108.30	9.84
	6	12461.20	13299.90	-6.31
	7	12321.85	12461.20	-1.12
	8	11921.20	12321.85	-3.25
	9	12803.95	11921.20	7.40
	10	12657.50	12803.95	-1.14
	11	12837.50	12657.50	1.42
	12	11304.05	12837.50	-11.95
	13	11022.40	11304.05	-2.49



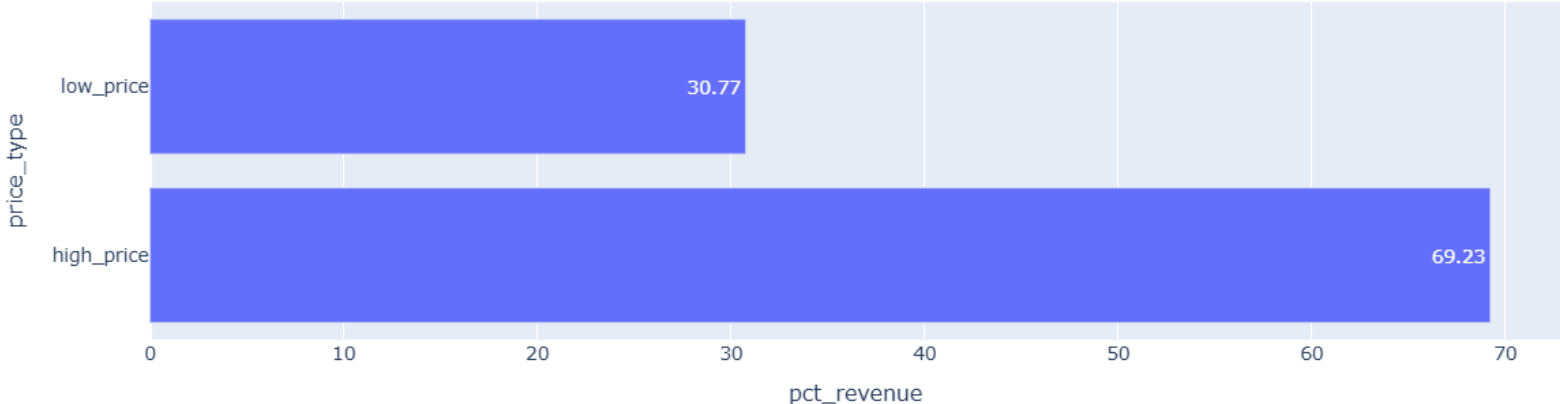
Identifying Seasonal Items.

Result Grid | Filter Rows: |

item_name	active_months
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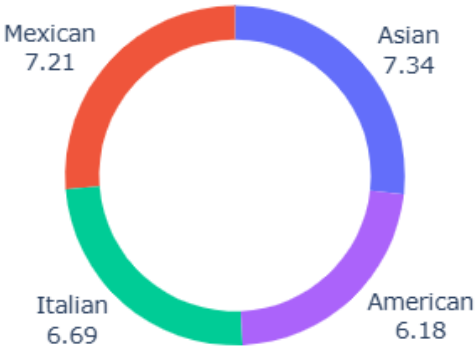
Revenue Contribution: High-Priced vs. Low-Priced Items.

	price_type	revenue	pct_revenue
▶	high_price	110228.10	69.23
	low_price	48989.80	30.77

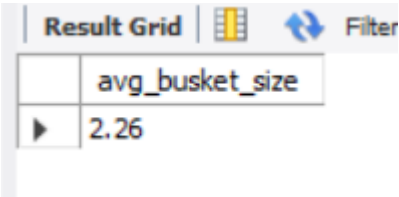


Category with the Highest Variability in Daily Sales.

	category	variability
▶	Asian	7.34
	Mexican	7.21
	Italian	6.69
	American	6.18



Avg. Number of Items per Order.



Peak Ordering Periods Across the Week.

days	time_slot	total_order
Sunday	morning	93
Sunday	afternoon	990
Sunday	evening	517
Sunday	night	176
Monday	morning	95
Monday	afternoon	888
Monday	evening	641
Monday	night	386
Tuesday	morning	65
Tuesday	afternoon	725
Tuesday	evening	600
Tuesday	night	398
Wednesday	morning	84
Wednesday	afternoon	743
Wednesday	evening	479
Wednesday	night	225
Thursday	morning	115
Thursday	afternoon	886
Thursday	evening	522
Thursday	night	166
Friday	morning	85
Friday	afternoon	983
Friday	evening	500
Friday	night	254
Saturday	morning	98
Saturday	afternoon	805
Saturday	evening	503
Saturday	night	212

