

# Analyze Sales

CS5200 Practicum 1

Sai Karthikeyan, Sura

Spring 2025

## Analysis by Restaurant

The table below summarizes key metrics for each restaurant, including total visits, unique customers, loyalty program members, and total spending on food and alcohol (excluding tips).

Table 1: Restaurant Revenue Analysis

Restaurant	Total Visits	Unique Customers	Loyalty Customers	Total Revenue (Food + Alcohol)
<b>Bite &amp; Bun</b>	15961	6	5	633429.1
<b>The Burger Joint</b>	15684	5	4	622693.2
<b>Grill &amp; Thrill</b>	15484	3	2	614597.4
<b>Flame Shack</b>	15599	4	3	614576.4
<b>Burger Haven</b>	15527	4	3	611592.2
<b>Bun Fi</b>	15407	4	3	609619.1
<b>Big Bite Burgers</b>	15502	4	3	609120.6
<b>Stacked &amp; Sizzled</b>	15451	6	5	607596.7
<b>Patty Palace</b>	15259	5	4	601575.6

## Analysis by Year

This table displays total revenue (food and alcohol, excluding tips), average per-party spending, and average party size by year across all restaurants.

Table 2: Annual Revenue Analysis

Year	Total Revenue (Food + Alcohol)	Avg Per Party Spent	Avg Party Size
<b>2018</b>	303343.6	39.73	2.31
<b>2019</b>	456590.8	39.85	2.32
<b>2020</b>	500901.4	39.31	2.29
<b>2021</b>	645308.1	39.50	2.29
<b>2022</b>	1208142.6	39.45	2.29
<b>2023</b>	1145689.2	39.37	2.30
<b>2024</b>	1264824.7	39.56	2.31

## Trend by Year

The line chart below illustrates the trend in total revenue (food and alcohol, excluding tips) over the years.

