

- 1) Various rows of data in the CSV contain 'Unknown'. How many transactions have an Unknown (NULL)? What is the NULL count of each column in Transactions

Transactions With Null
6766

Column Name	Null Count
location_id	3961
payment_id	3178
item_id	1448
quantity	479
transaction_date	460
total_spent	40
transaction_id	0

- 2) Which month had the highest amount of sales, and what was the most popular item that month (based on quantity sold)?

Month with Highest Sales	Most Popular Item	Quantity Sold
2023-06	Juice	279

- 3) What is the average quantity sold of each item?

Item	Average Quantity Sold
Coffee	3.06
Smoothie	3.05
Cake	3.05
Tea	3.04
Salad	3.03
Sandwich	3.01
Juice	3.0
Cookie	2.97

4) What are the top three most popular items based on quantity sold?

Top 3 Items	Total Sold
Coffee	3212
Juice	3187
Cake	3180

5) What is the average item spending based on payment method?

Payment Method	Average Item Spending
Cash	9.06
Credit Card	9.01
Digital Wallet	8.93

6) What are the amount of transactions at each location type?

Location Type	Total Transactions
In-store	3017
Takeaway	3022

7) What is the average number of items purchased during a transaction?

Average Items Per Transaction
3.03

8) How many transactions are done each month of 2023 (chose 2023 since it is most prominent year in CSV)?

Month	Number of Transactions
2023-01	818
2023-02	727
2023-03	827
2023-04	774
2023-05	777
2023-06	818
2023-07	791
2023-08	803
2023-09	788
2023-10	838
2023-11	784
2023-12	795

- 9) Which payment method is most popular, and how many transactions and money has been spent with that method?

Payment Method	Number of Transactions	Total Spent
Digital Wallet	2282	20383.5

- 10) How much has the cafe made in the year 2023 (chose 2023 since it is the most prominent year in the CSV)?

2023 Total Sales
84786.5