

## Summary:

- Nutritional Quality Prediction:
  - A distinct list of all items in our database: 498 entries; Translated from Portuguese to English using Google Translate.
  - Predict nutrition facts on 400 entries (their batch limit) using MINT.
- Exploratory Analysis:
  - Fixed the previous issue of ticket counting by adding constraints to our query.
  - Explore the total revenue of each restaurant each month - try to find patterns and growth KPIs.
- Expect to do next:
  - Explore payment patterns - how many people are dividing the bill or paying the total? This is only applicable to the restaurant's Cantina Volpi and Ferreiro Café.
  - Find new KPIs that can interest the restaurant - new KPIs that can go on a monthly report.

Samples of nutrition facts:

### Stuffed Green Pepper Soup

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<b>Calories</b>	<b>75 kcal</b>
Protein	4.452 g
Fiber	0.9623 g
Vitamin A	12.06 µg
Vitamin C	11.38 mg
Calcium	16.96 mg
Iron	0.8334 mg
Total Sugars	2.278 g
Cholesterol	13.31 mg
Saturated Fat	1.193 g
Sodium	227.4 mg

### Sweet Curried Sausages

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<b>Calories</b>	<b>149 kcal</b>
Protein	4.462 g
Fiber	1.717 g
Vitamin A	16.71 µg
Vitamin C	5.759 mg
Calcium	20.96 mg
Iron	0.9877 mg
Total Sugars	3.928 g
Cholesterol	13.37 mg
Saturated Fat	4.168 g
Sodium	252.3 mg

### Flourless Pumpkin Pie Muffins

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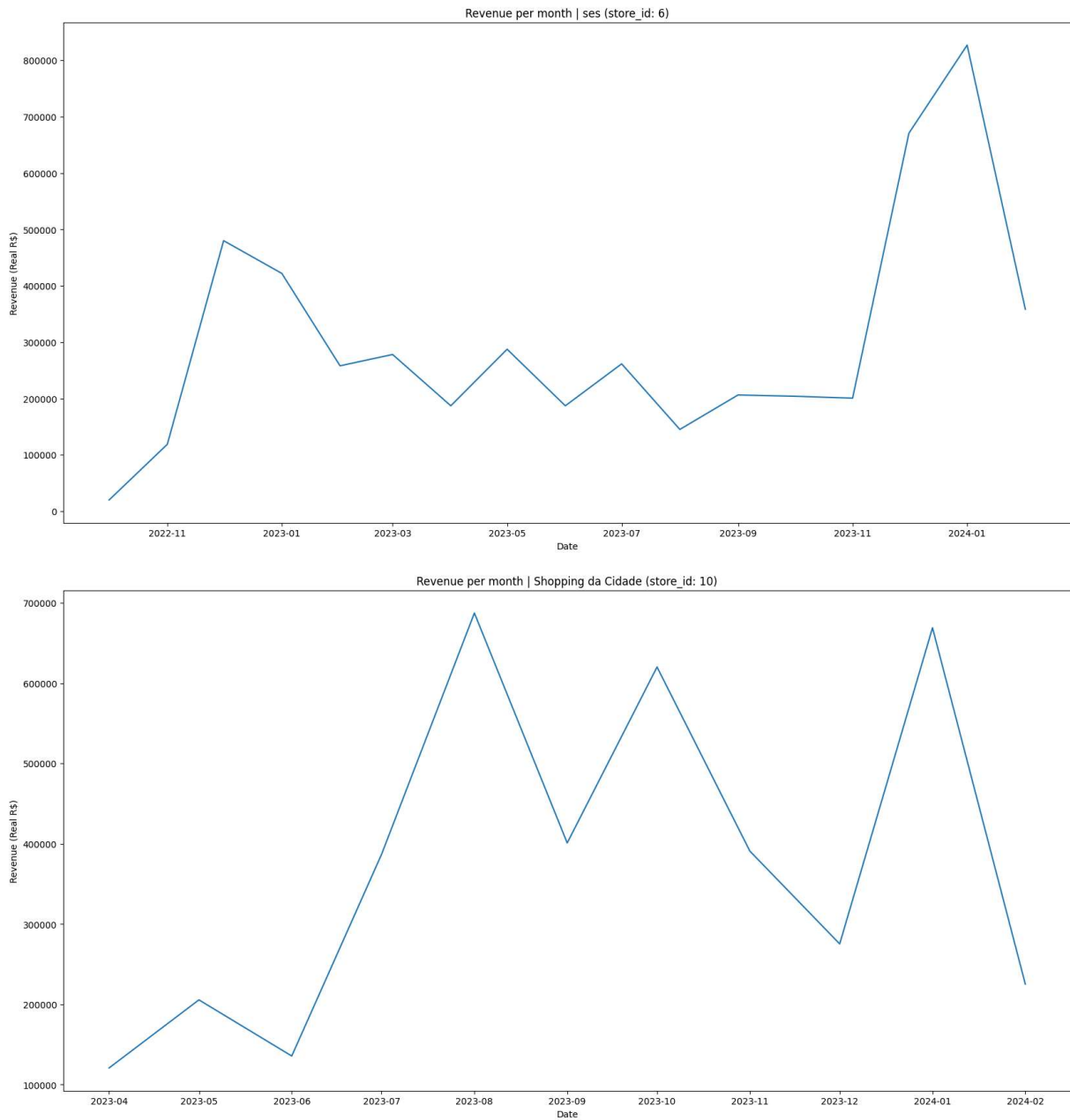
<b>Calories</b>	<b>267 kcal</b>
Protein	6.516 g
Fiber	4.532 g
Vitamin A	269.8 µg
Vitamin C	1.944 mg
Calcium	92.29 mg
Iron	1.987 mg
Total Sugars	24.83 g
Cholesterol	34.95 mg
Saturated Fat	2.713 g
Sodium	146.5 mg

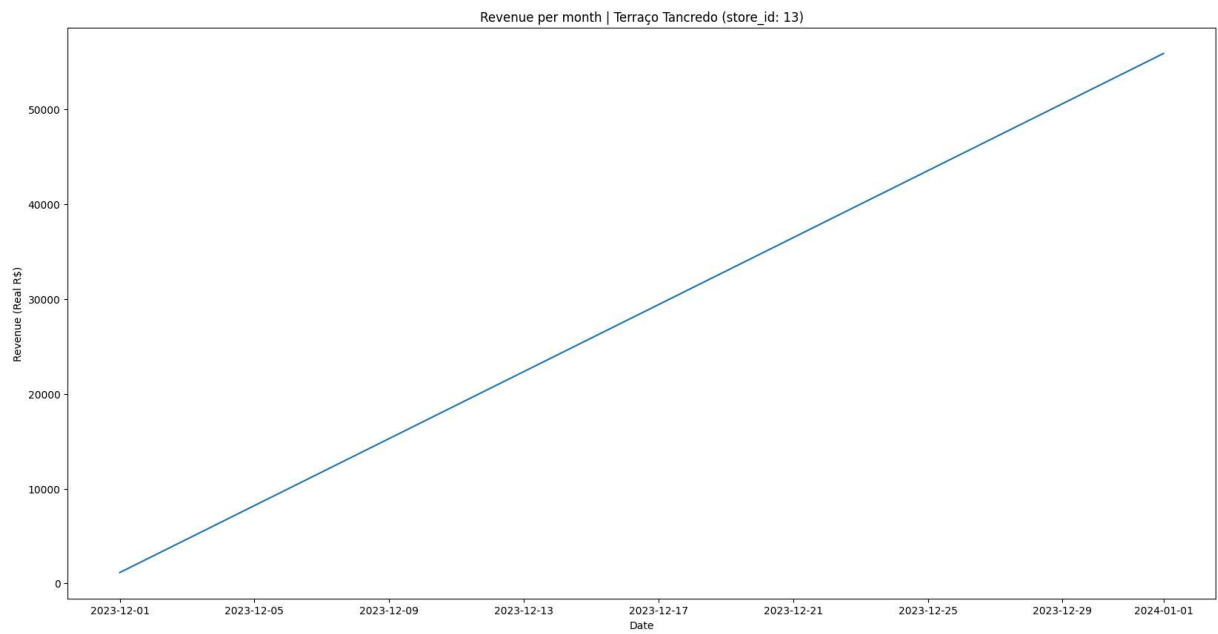
### Chocolate Chip Cookie Muffins

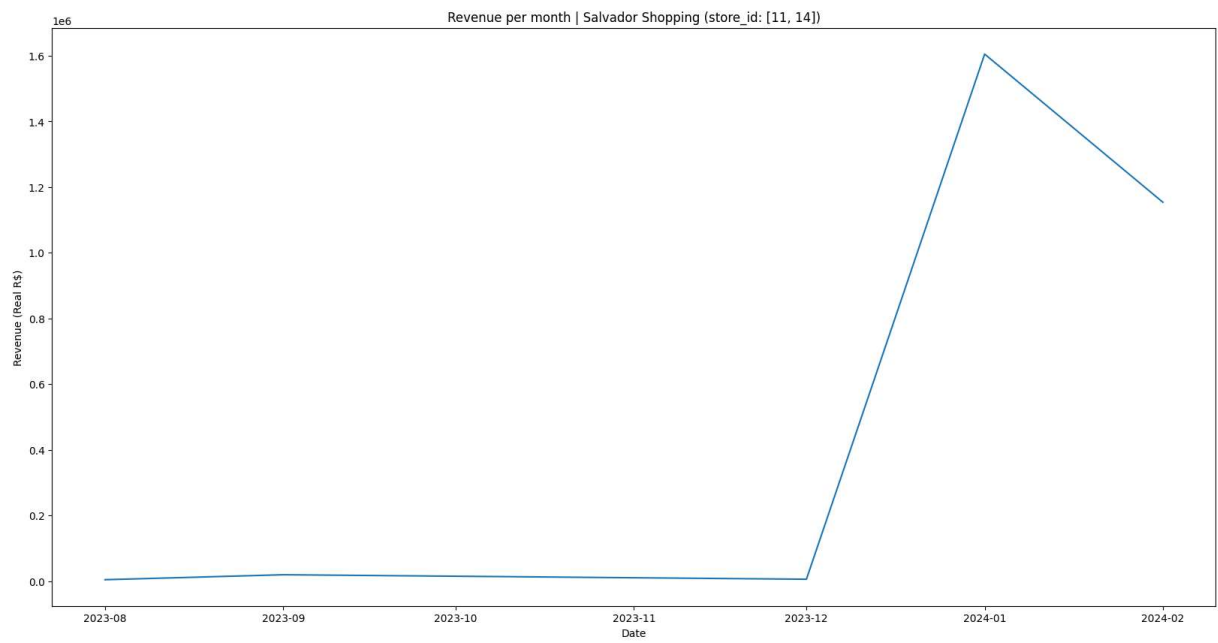
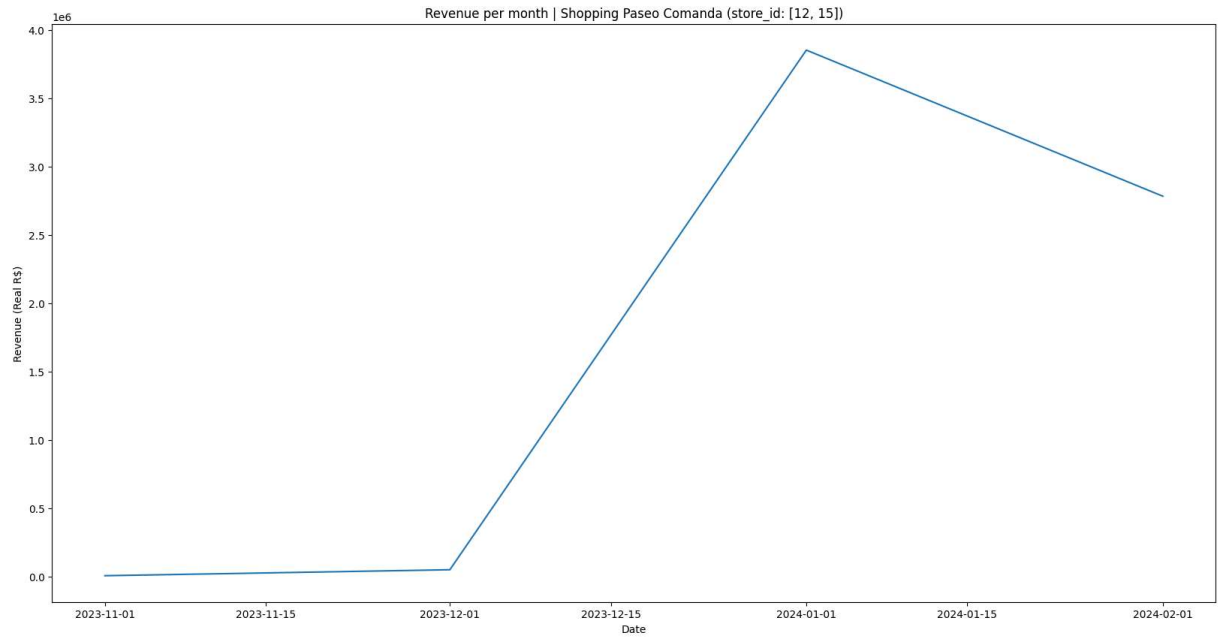
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<b>Calories</b>	<b>402 kcal</b>
Protein	7.491 g
Fiber	2.674 g
Vitamin A	57.96 µg
Vitamin C	1.452 mg
Calcium	151.7 mg
Iron	1.664 mg
Total Sugars	30.55 g
Cholesterol	38.67 mg
Saturated Fat	7.99 g
Sodium	192 mg

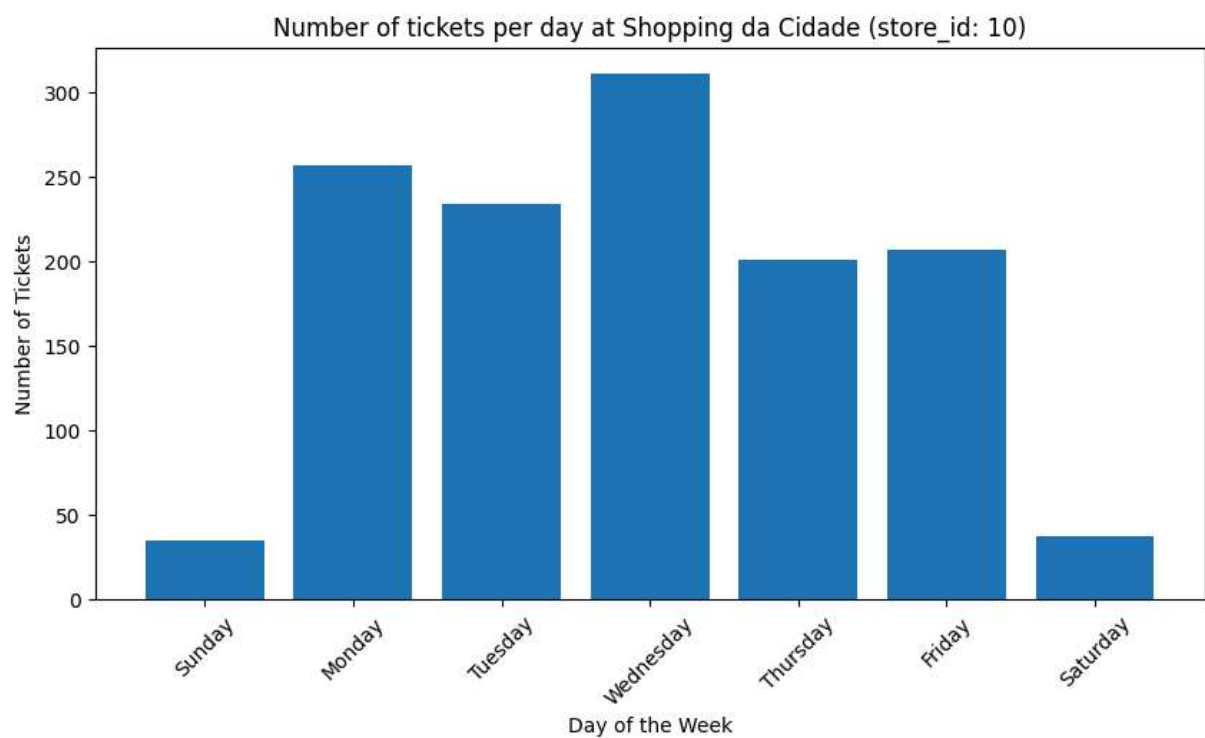
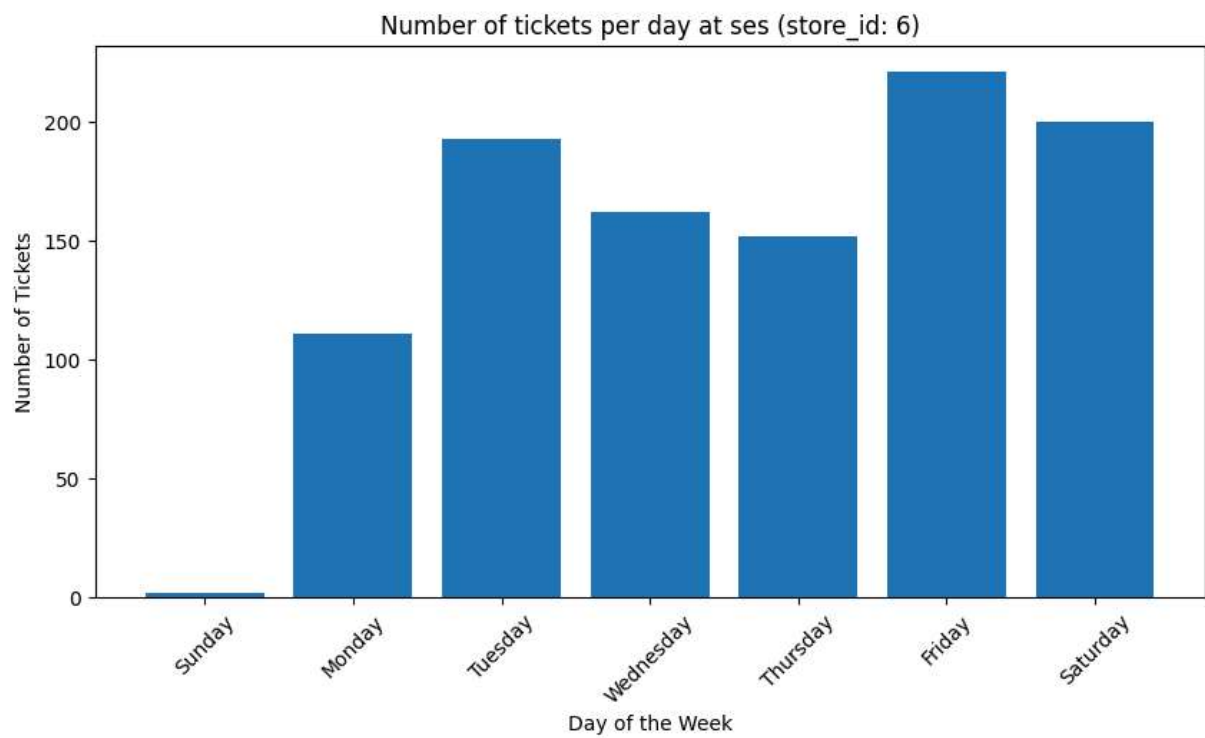
Revenue Per Month:

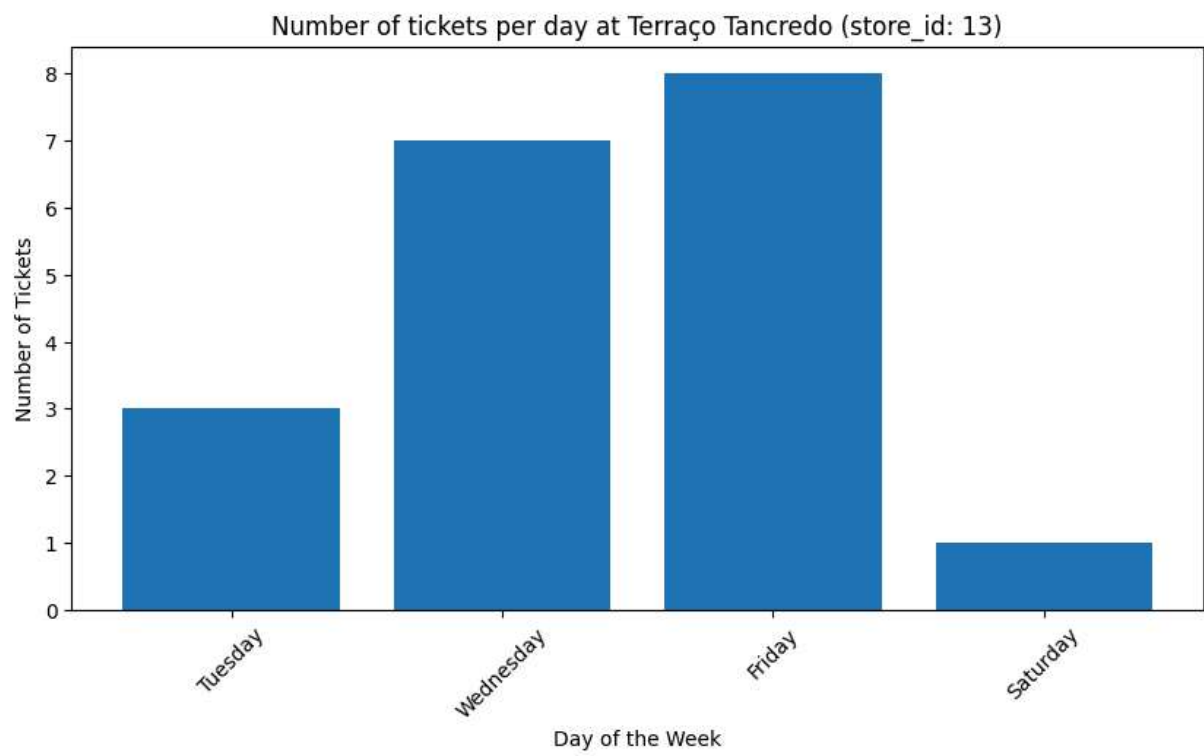


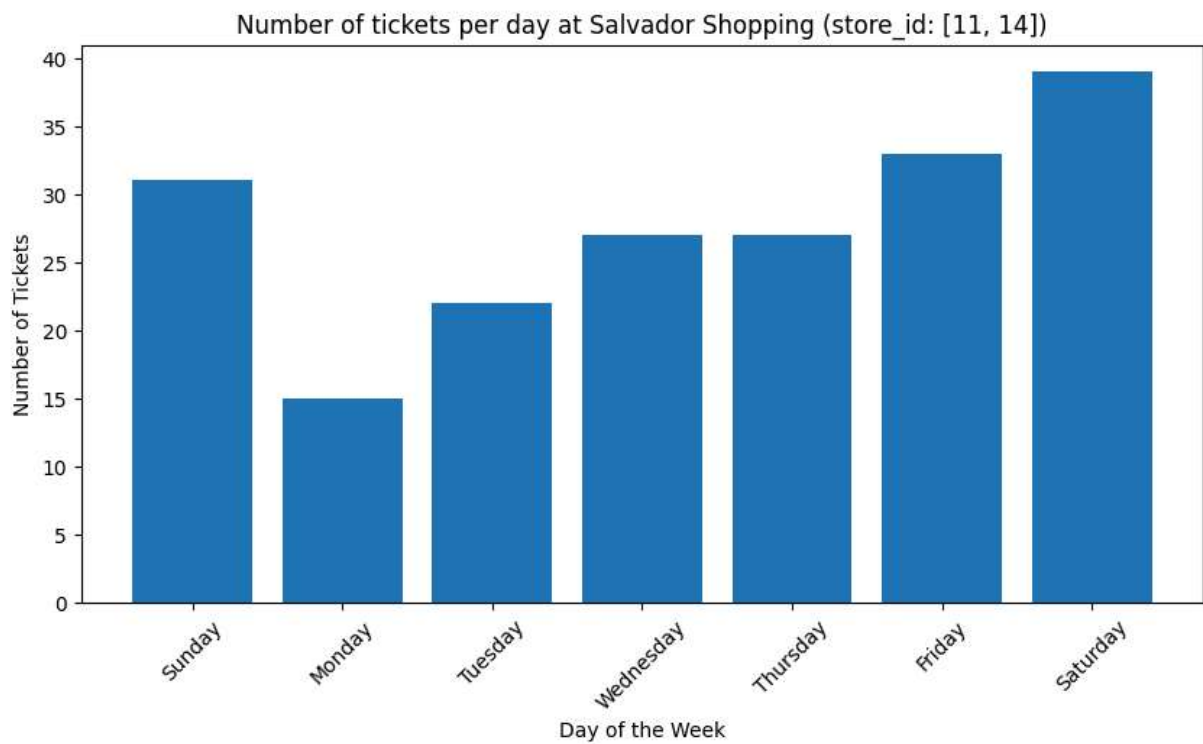
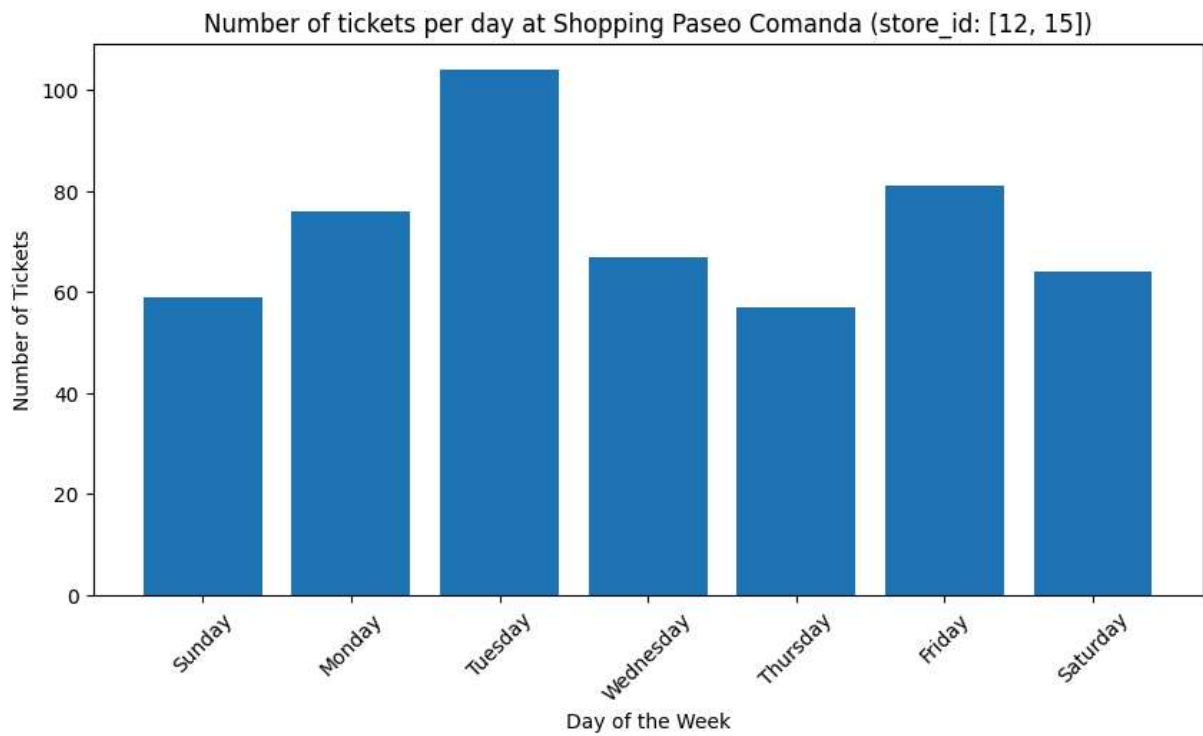




Number of tickets per day:

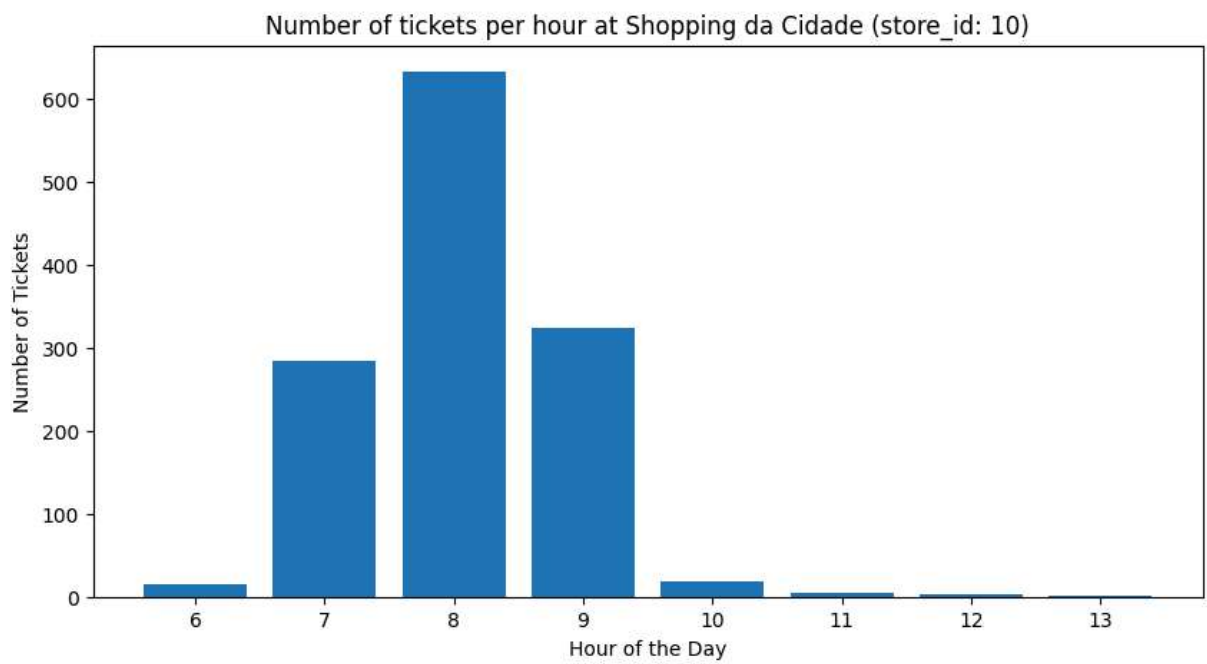
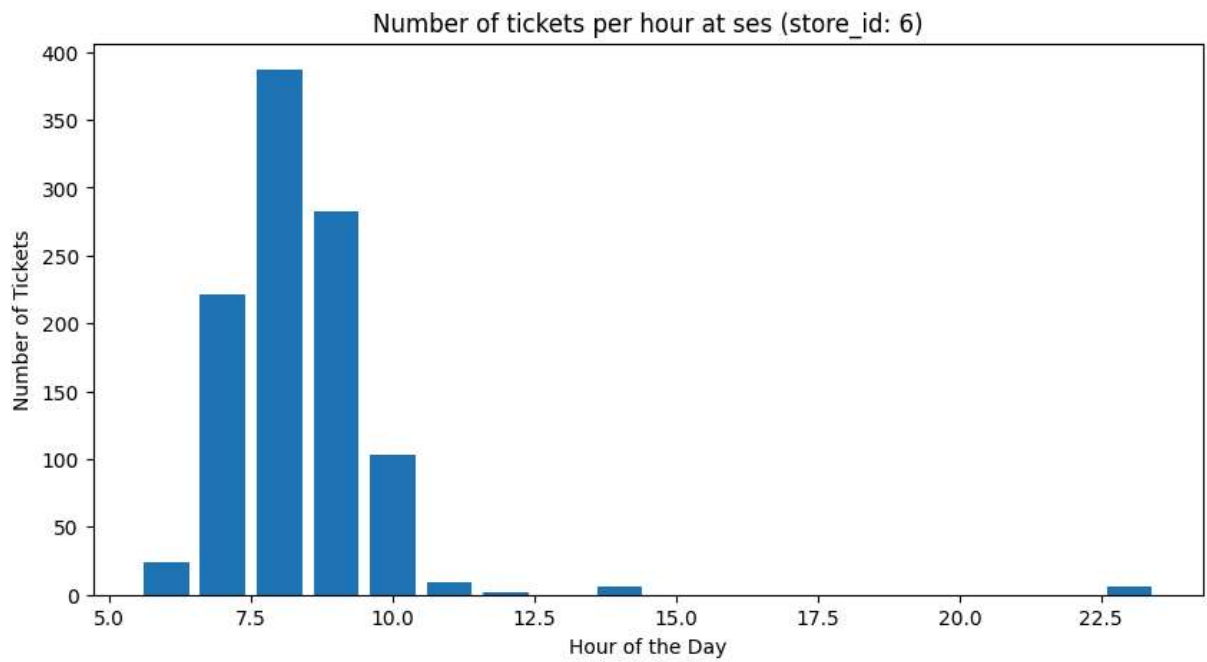


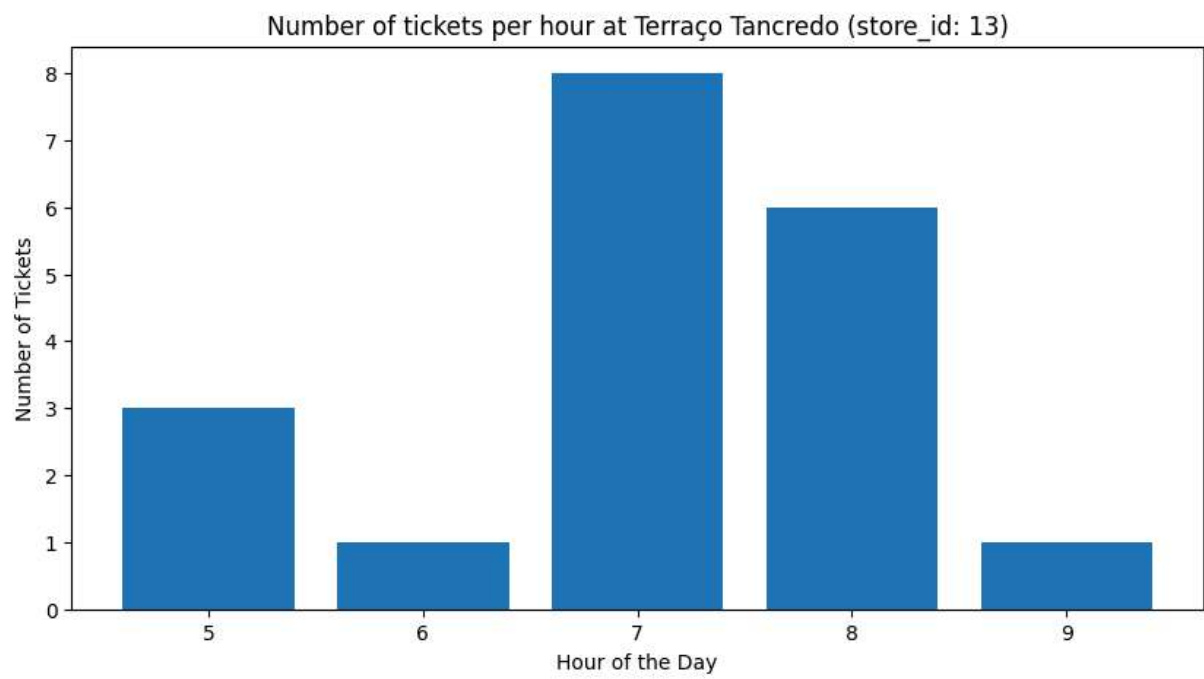




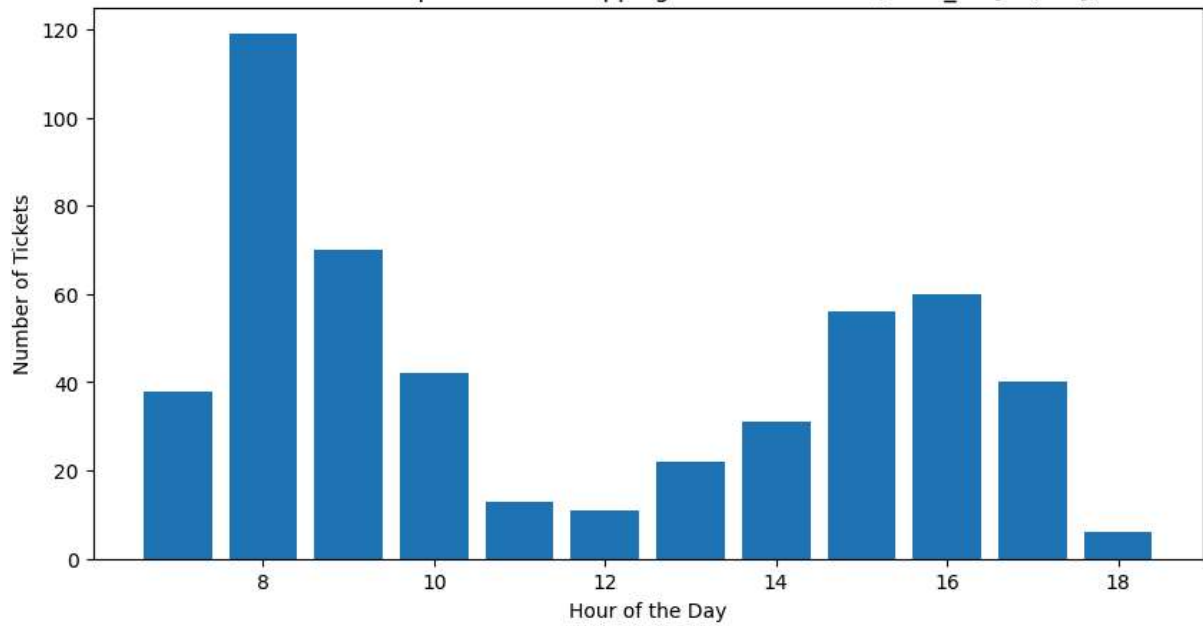


Number of tickets per hour:





Number of tickets per hour at Shopping Paseo Comanda (store\_id: [12, 15])



Number of tickets per hour at Salvador Shopping (store\_id: [11, 14])

