

Making Decisions with Visual Data

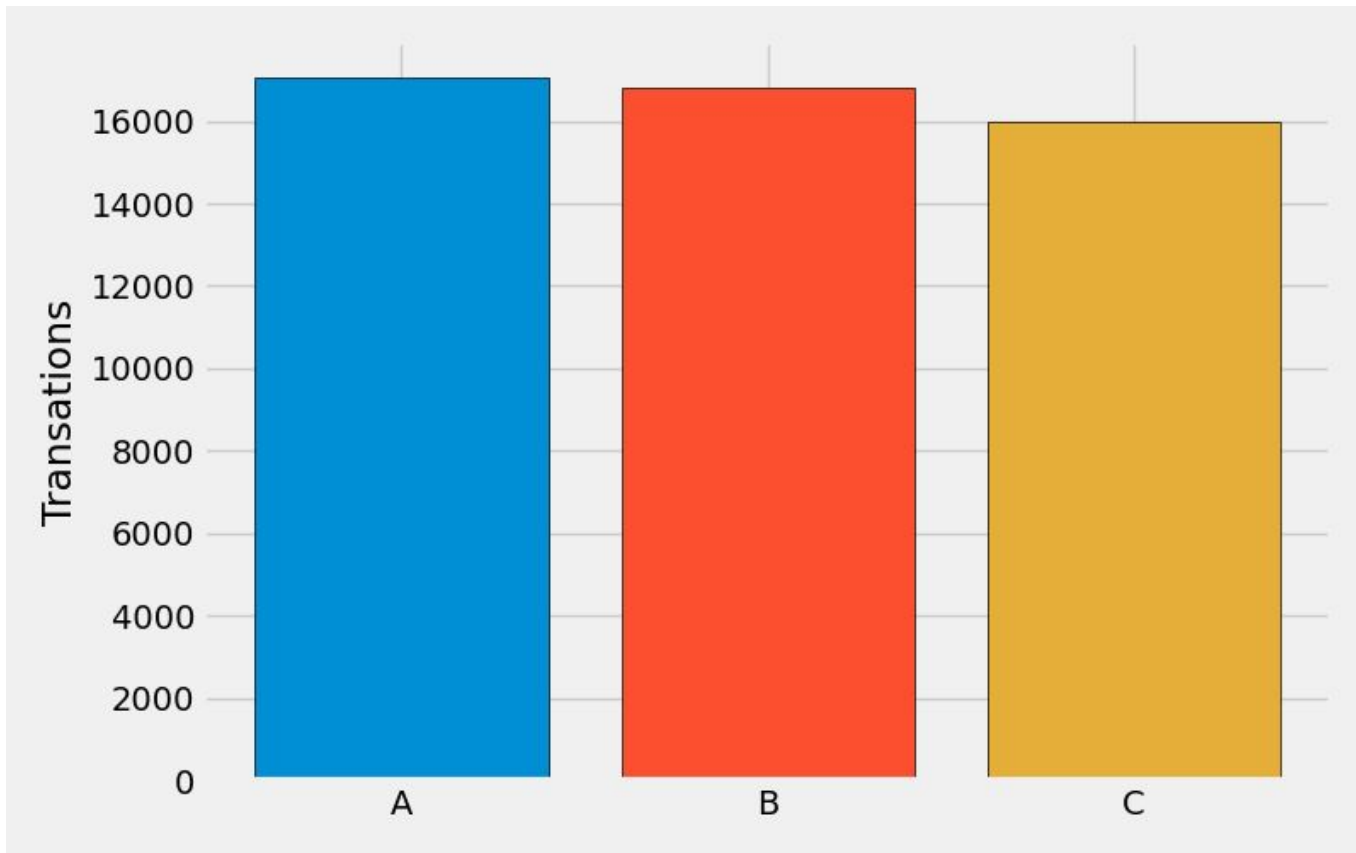
Part 1.3 Comparing Continuous Variables

Comparing Continuous Variables by Category

Q. Which coffee shop is the busiest?

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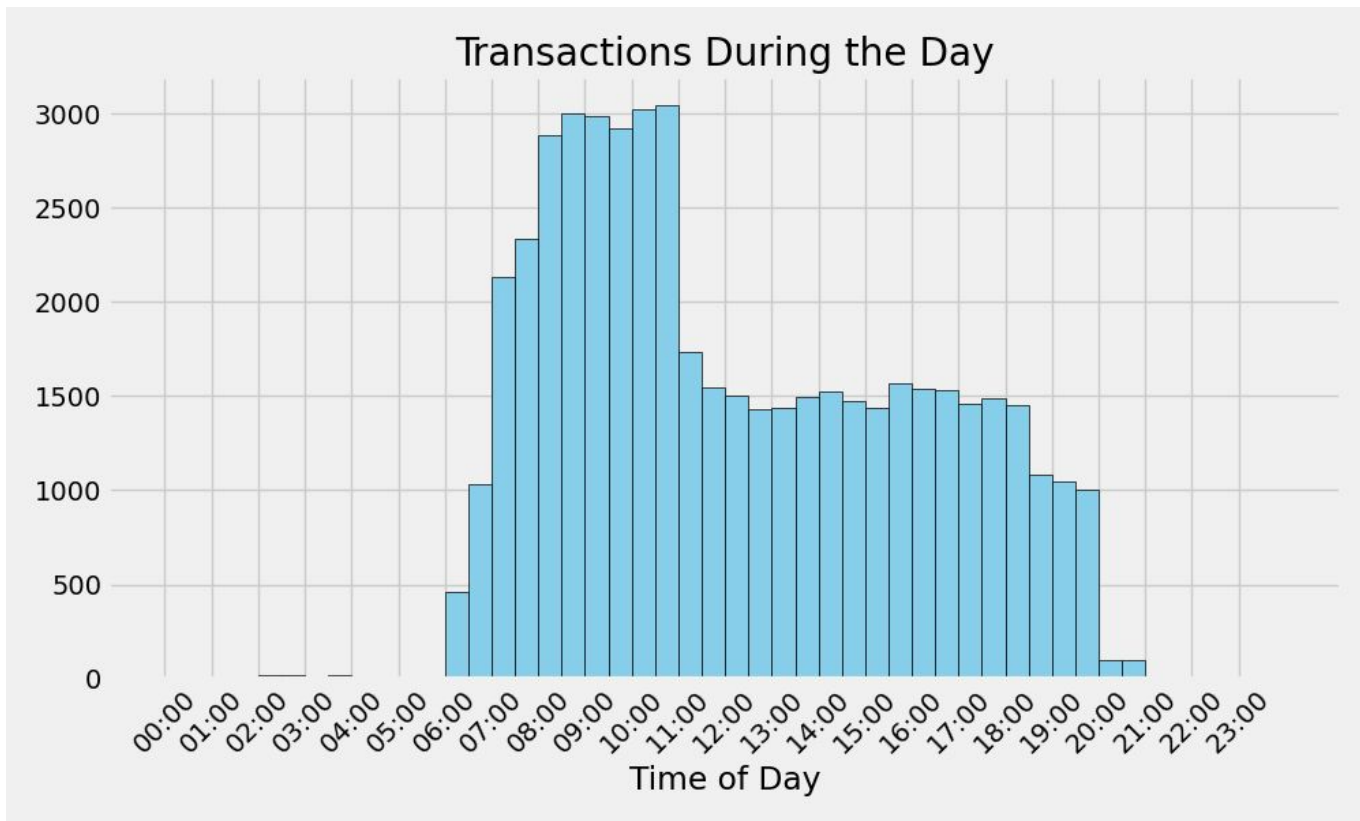


Comparing Continuous Variables by Category

Q. What time is the busiest?

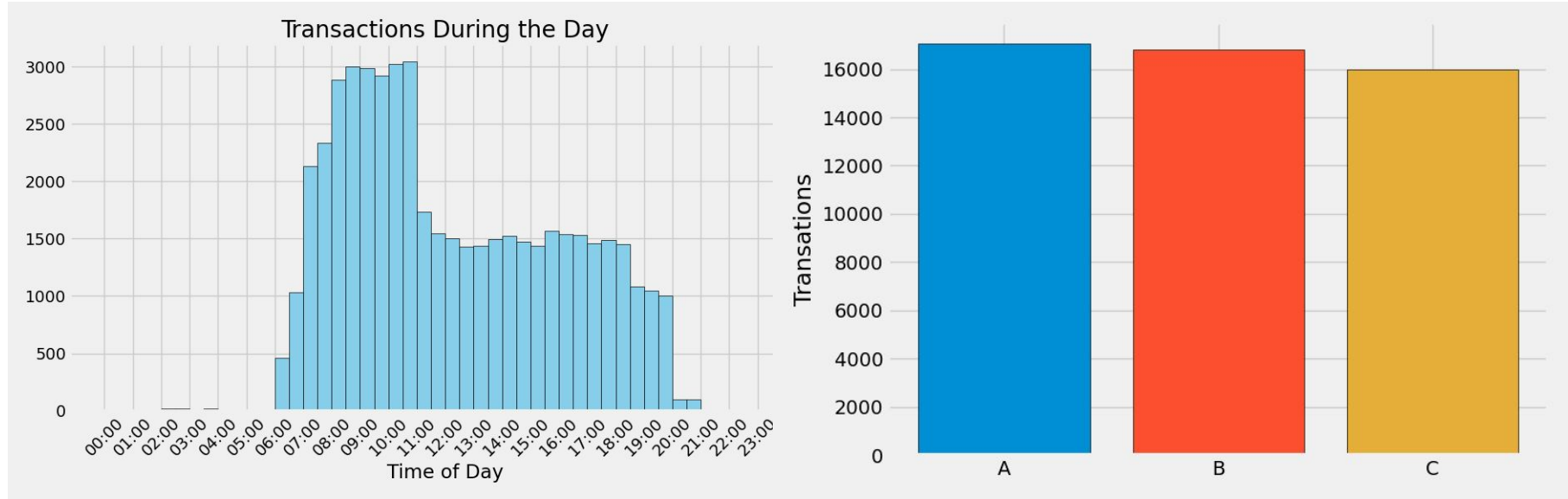
Comparing Continuous Variables by Category

Q. What time is the busiest?



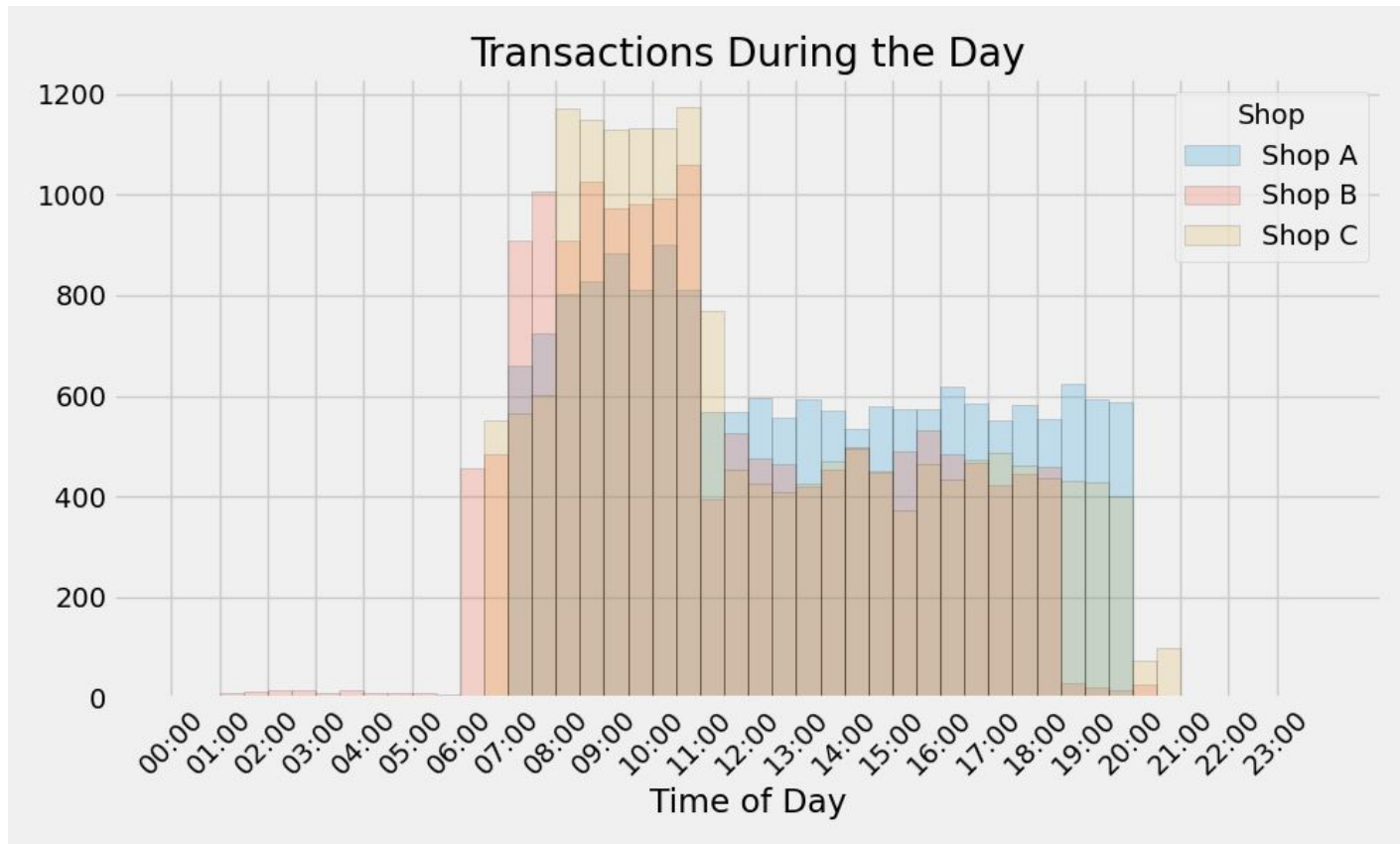
Comparing Continuous Variables by Category

Q. Does this mean the morning shift at Shop A is the busiest?



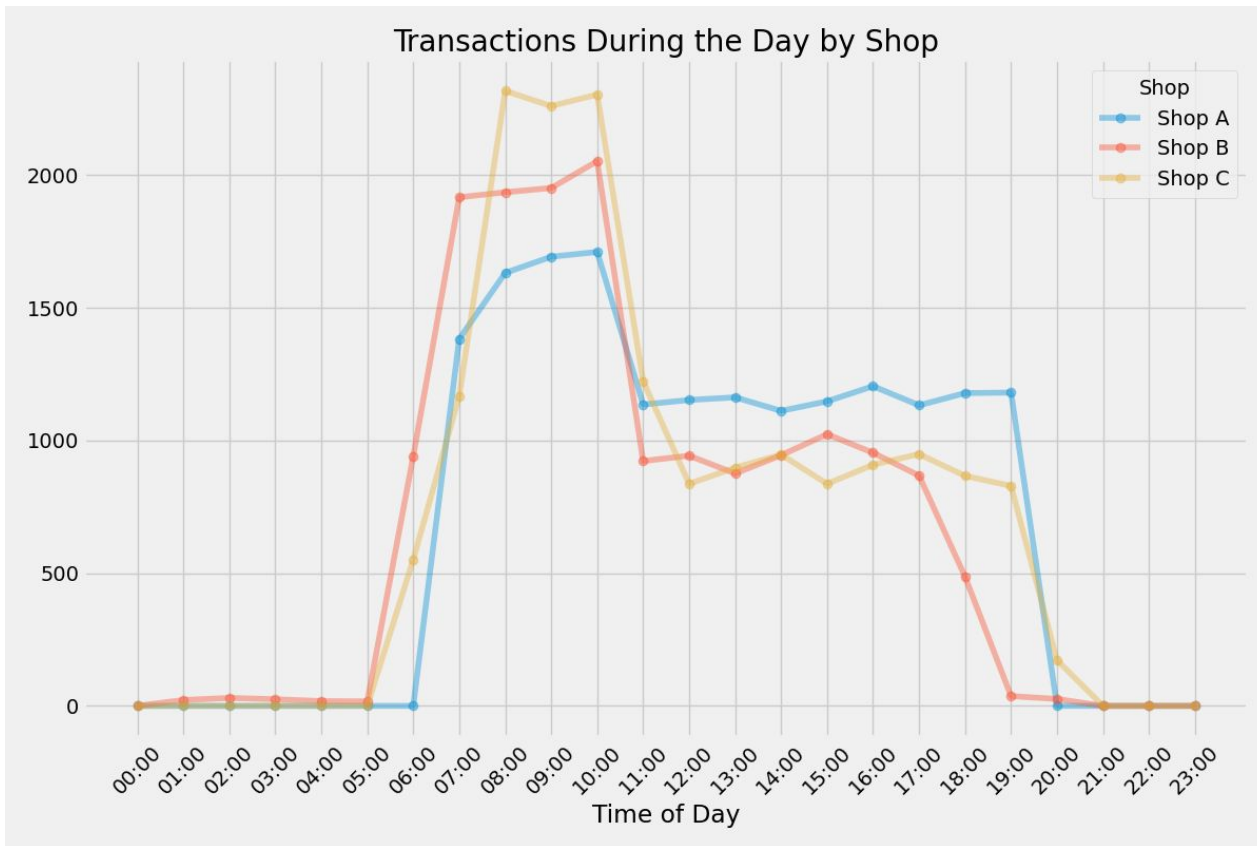
Comparing Continuous Variables by Category

Q. Which shift is the busiest?



Comparing Continuous Variables by Category

Q. Which shift is the busiest?



Continuous Data by Category

Summary:

- Categorical variables and continuous variables can give us different views of the same data.
- Often we can visualize both views on the same graph using visualization techniques for continuous variables within the category.
- Line graphs help simplify the visualization of multiple categories.

Excel Exercise: Continuous Variables by Category

We're going to examine the ages of starbucks customers by age.

- Data: Coffee_Sales_Receipts.csv
- Pivot Table
- Line Graph