

# Enrolment Trend Analysis

## 1. Monthly Distribution of Students

As shown in Figure 1, the highest enrolment occurred in July (42 students) and November (41 students). March and June had the lowest enrolment, each with only 17 students. These variations may reflect seasonal effects such as holidays, exams, or changes in marketing efforts.

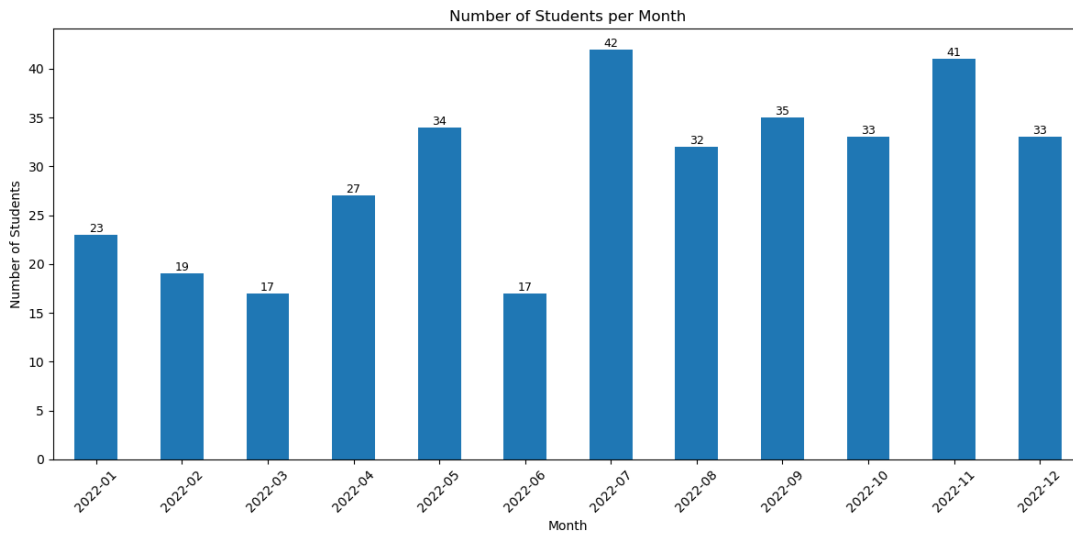


Figure 1: Number of Students per Month

## 2. Seasonal Distribution of Students

Figure 2 shows the distribution of students by season. Summer (109 students) and Autumn (107 students) had the highest share of enrollments, while Winter (59 students) had the lowest, possibly due to weather, holidays, or slow start-of-year planning.

## 3. Monthly Trend of Average Course Price

The monthly trend of average course price is presented in Figure 3. Barista and Sausage courses consistently have the highest average prices. Prices for some courses (e.g., Kabab, Pizza) increase in Autumn and Winter, possibly due to higher demand or pricing strategy changes. While not all course types are offered every month, the overall trend direction is still observable.

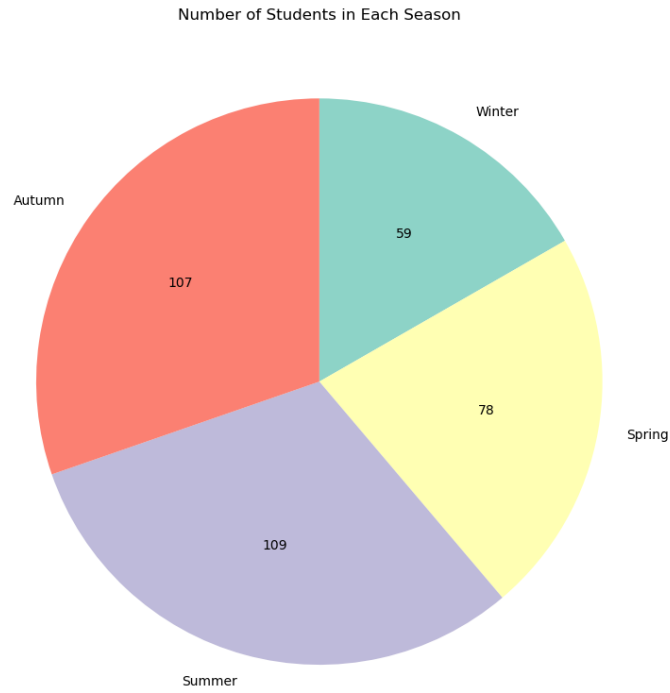


Figure 2: Number of Students in Each Season

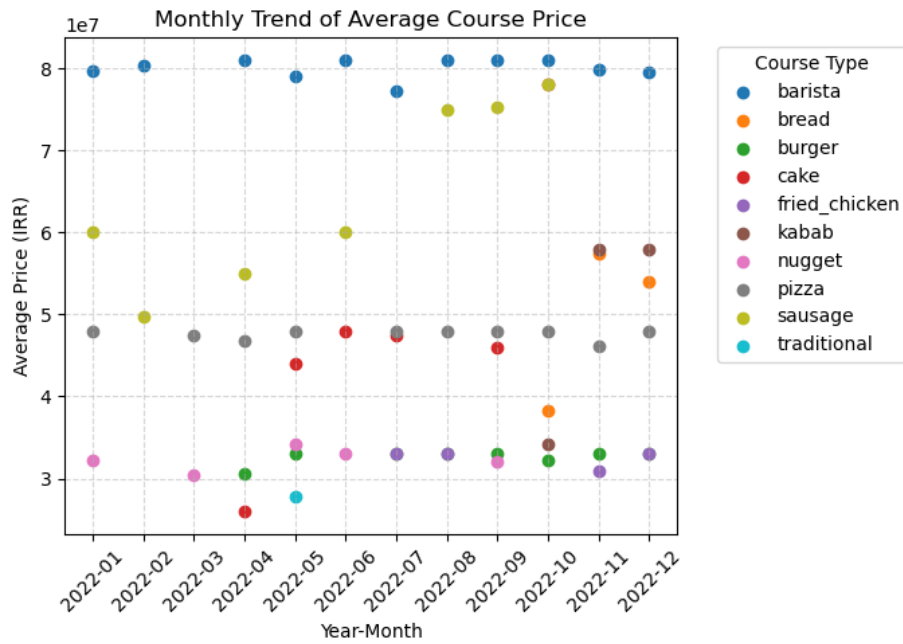


Figure 3: Monthly Trend of Average Course Price

## 4. Distribution of Classes by Weekday

As shown in Figure 4, Thursday and Friday are the most common class days (each with 64 classes). Tuesday and Wednesday have the fewest classes, indicating a possible scheduling preference. This pattern suggests student availability or business strategy focuses on weekends.

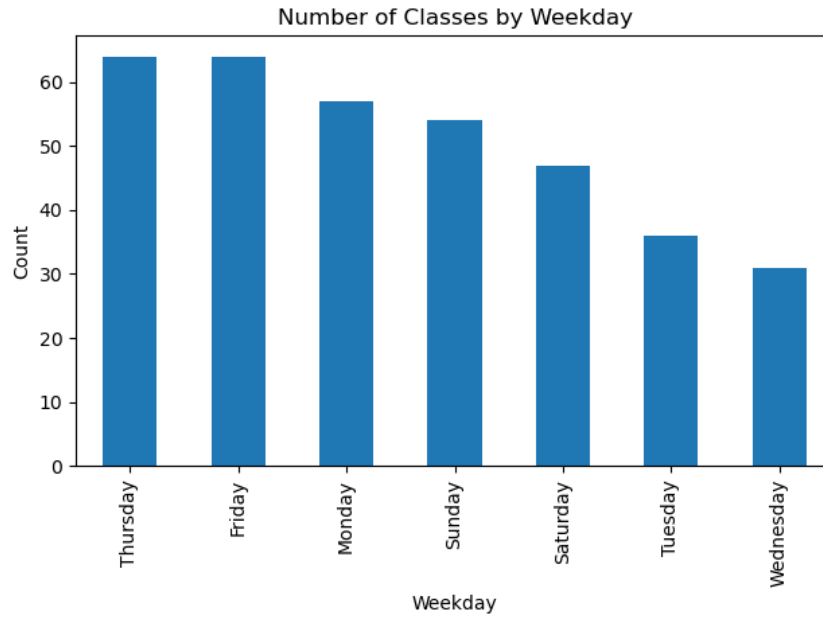


Figure 4: Number of Classes by Weekday

## 5. Calendar Heatmap of Class Days by Course Type

Figure 5 presents the calendar heatmap of class days by course type. Class scheduling appears evenly distributed across the month. Certain course types (like Barista, Burger) are more likely to be scheduled mid- or late-month. This calendar view can support operational planning and spacing of similar courses.

## Summary

- Summer and Autumn are peak seasons for student enrollment.
- Barista and Sausage courses dominate in pricing.
- Thursday and Friday are the most popular weekdays for classes.
- Course scheduling appears balanced, but with minor patterns based on course type.

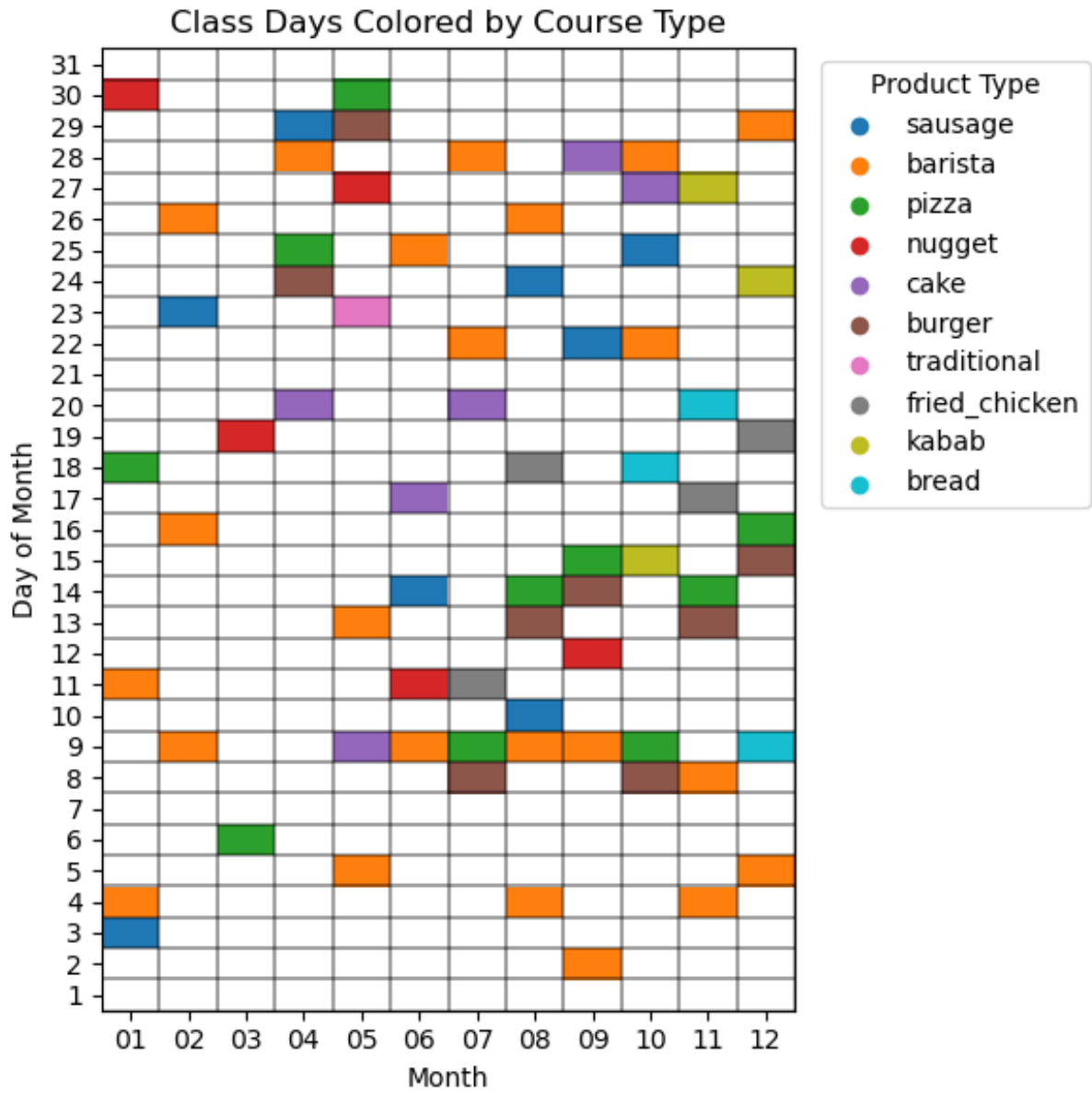


Figure 5: Calendar Heatmap of Class Days by Course Type