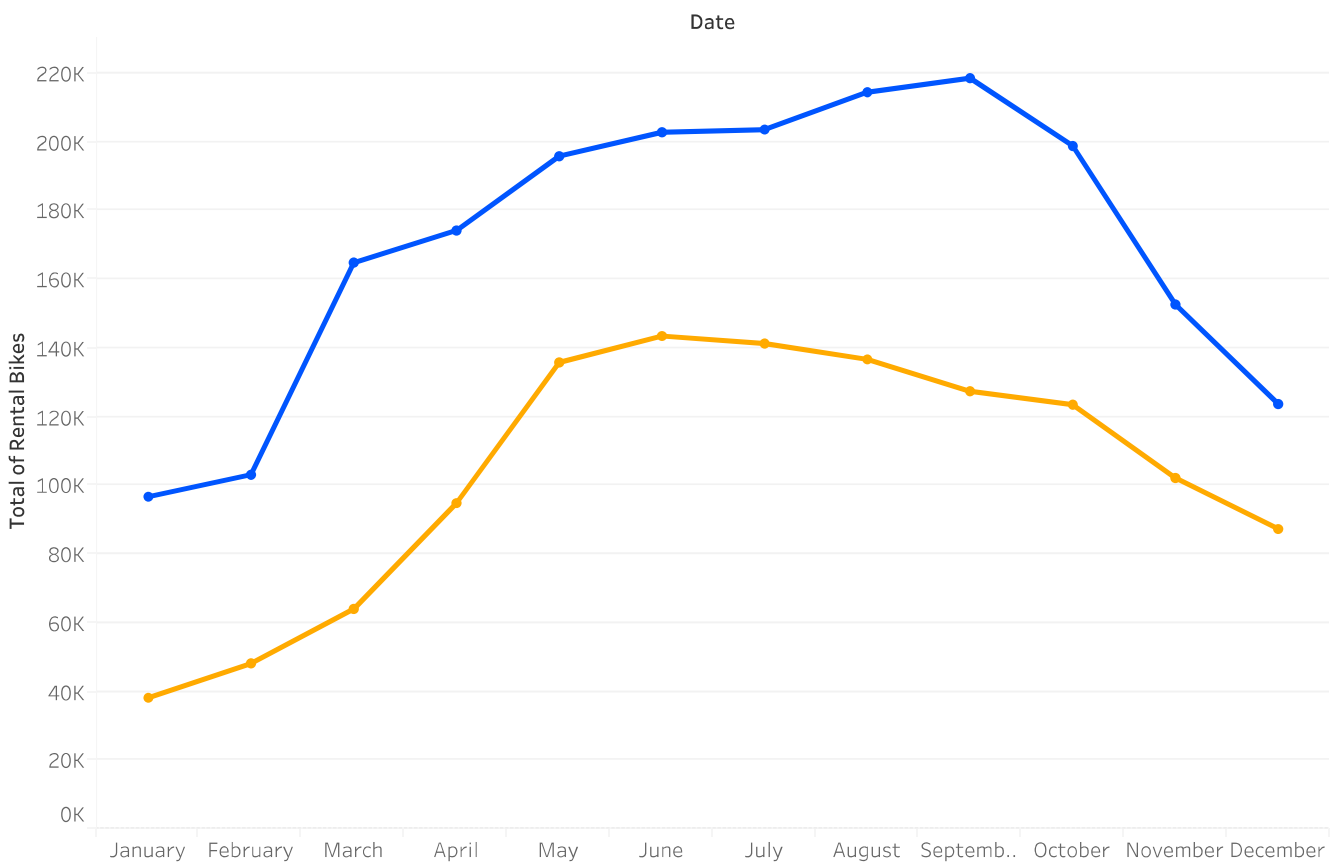
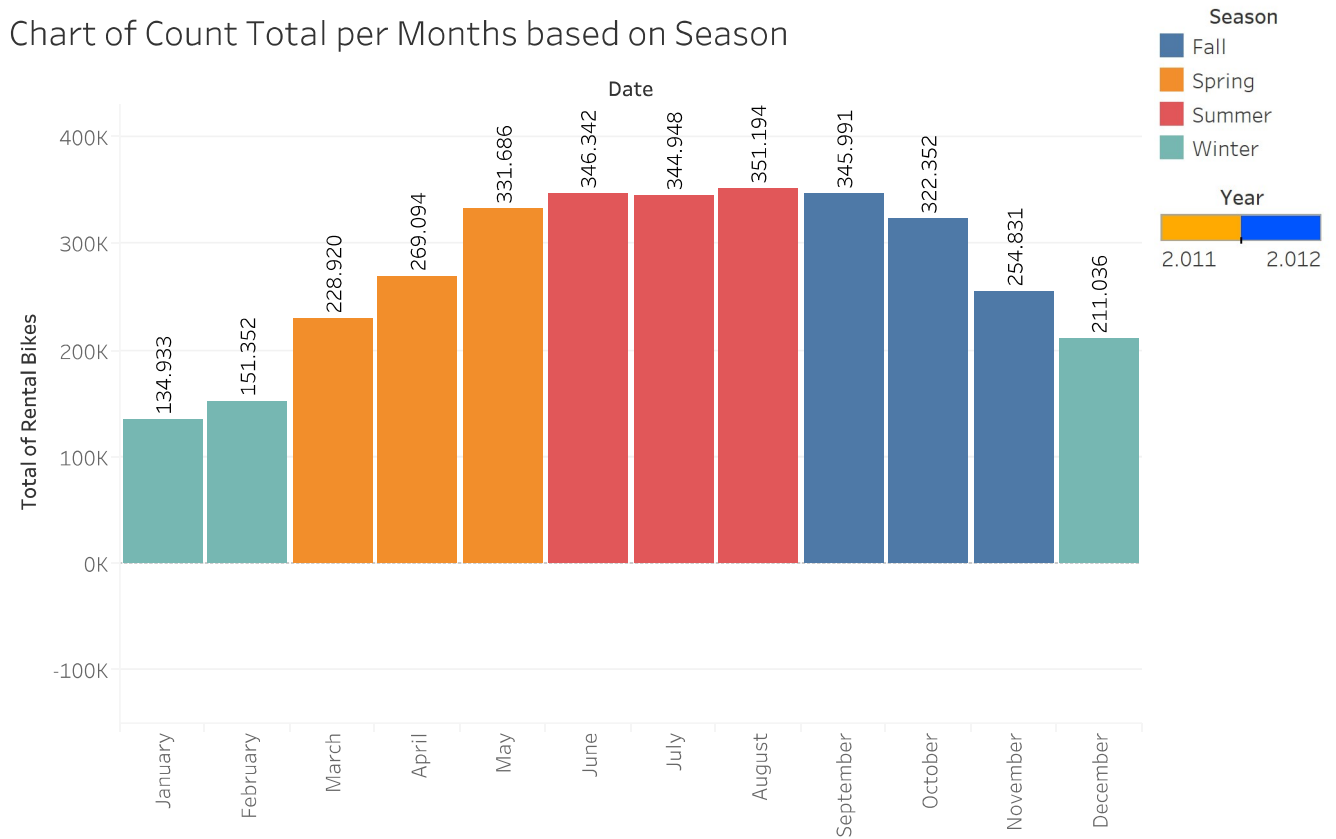


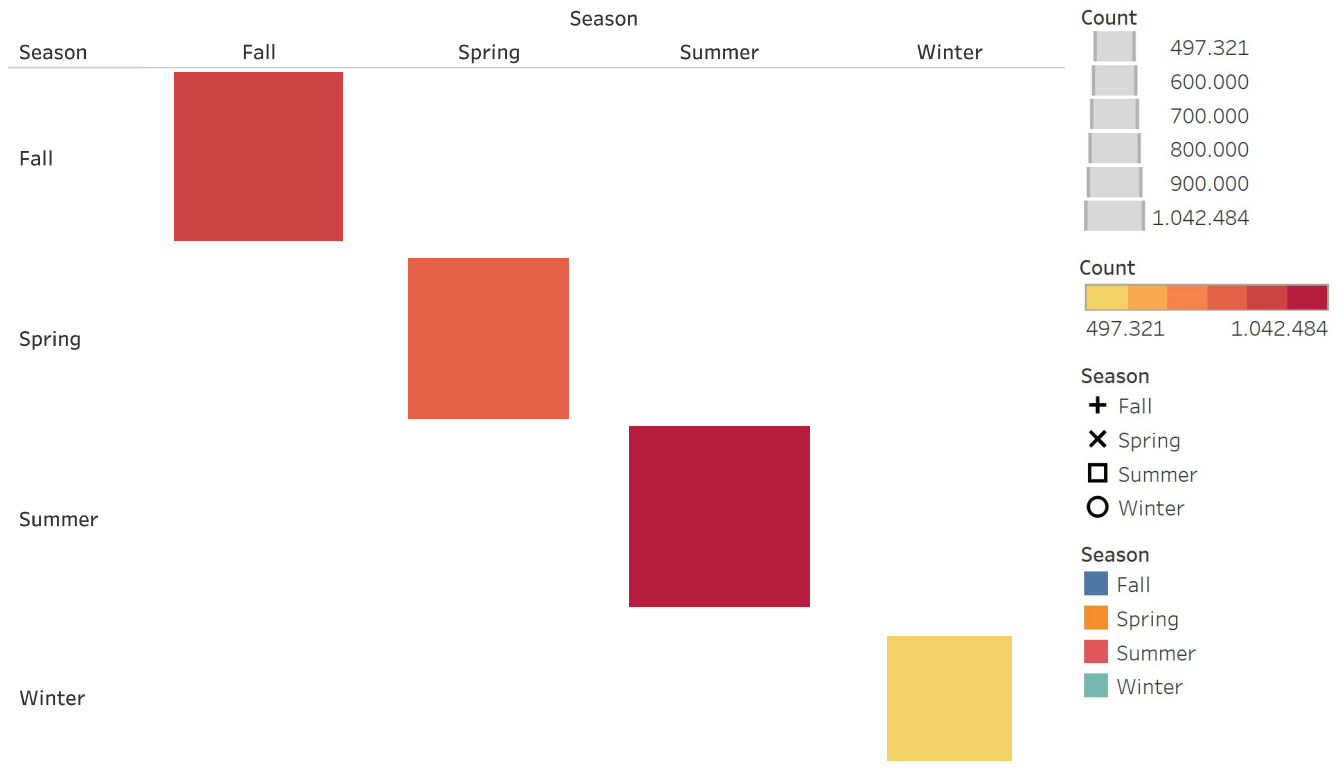
In the graphic display below, it is known that the highest rental bikes were in the Summer Season and the highest rentals were in 2012 compared to 2011.

Chart of Count Total per Months based on Season

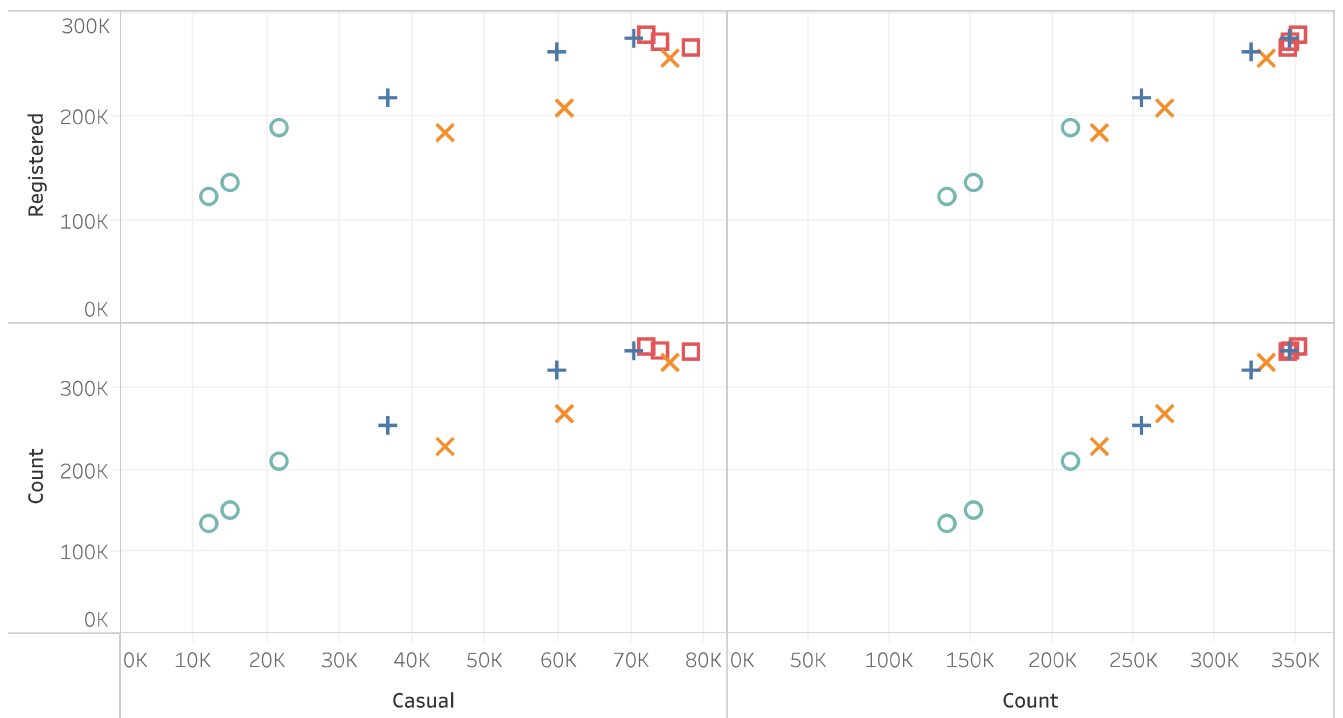


This correlation is measured using the Pearson correlation coefficient, whose value can range between -1 and 1. A positive correlation coefficient value indicates a positive correlation, while a negative value indicates a negative correlation.

Based on the figure, the correlation coefficient between the number of bicycle users and the season is 0.95. This value shows a very strong correlation between the two variables.



## Corellation between Casual, Registered, and Count



There is a trend pattern of bicycle rental users increasing overall in 2012 compared to 2011. This can be seen from the trend line which shows an increase every month. The following are several important points regarding the trend pattern of bicycle rental users in 2011 and 2012:

#### Rental User Improvements:

1. Overall, the number of bicycle rentals in 2012 was higher compared to 2011. This shows that more people are choosing to rent bicycles in 2012.
2. The highest increase in the number of bicycle rentals occurred in July and August, namely during the summer season. This is likely because the sunny and warm weather encourages people to do more outdoor activities, including cycling.
3. An increase in the number of bicycle rentals also occurs in April and May, namely during spring. This is likely because people start cycling more often as the weather starts to warm up.

