# Capstone Project
## Hotel Booking Analysis

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**Analysis Based On:**

- **Type of hotel**
- **Market Segment**
- **Customer Type**
- **Country of Customer**
- **Number of Night Stayed**

**Conclusion**

# Problem Statements

- **Analysis based on Hotel booking**
- **Analysis Based on Market Segment**
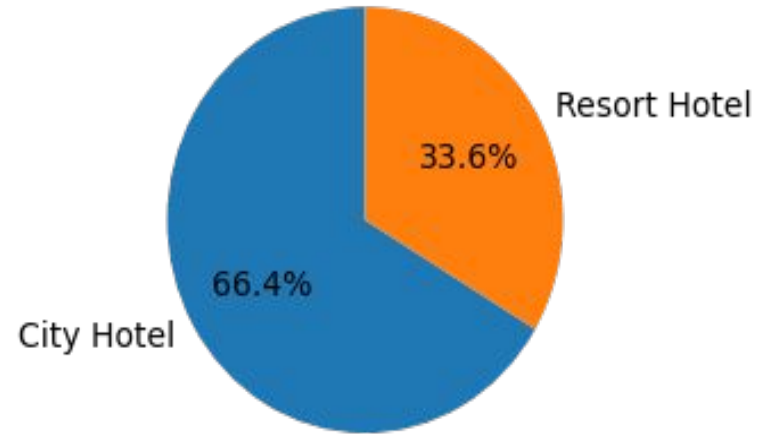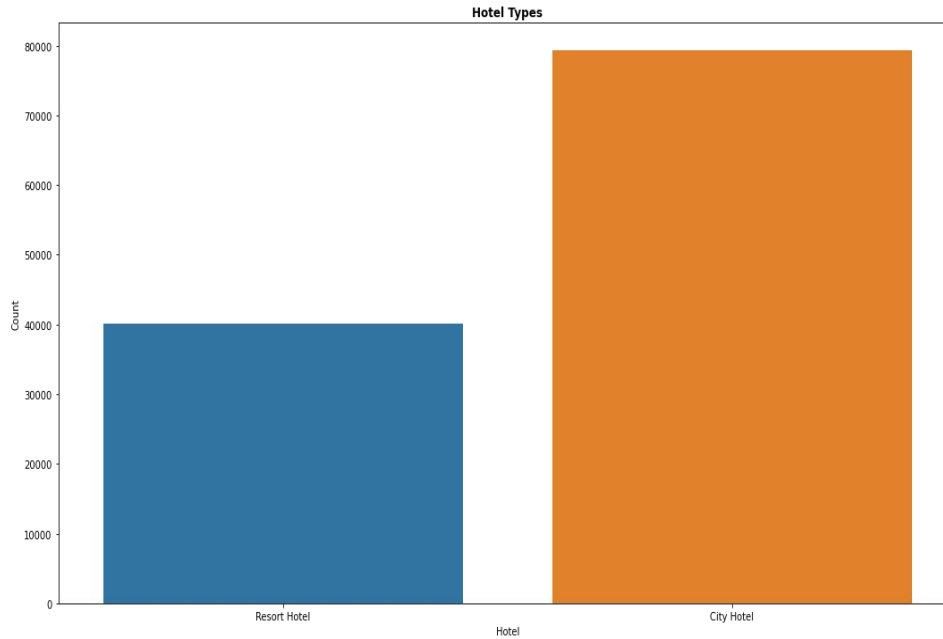- **Analysis based on customer Type**

# Data Summary
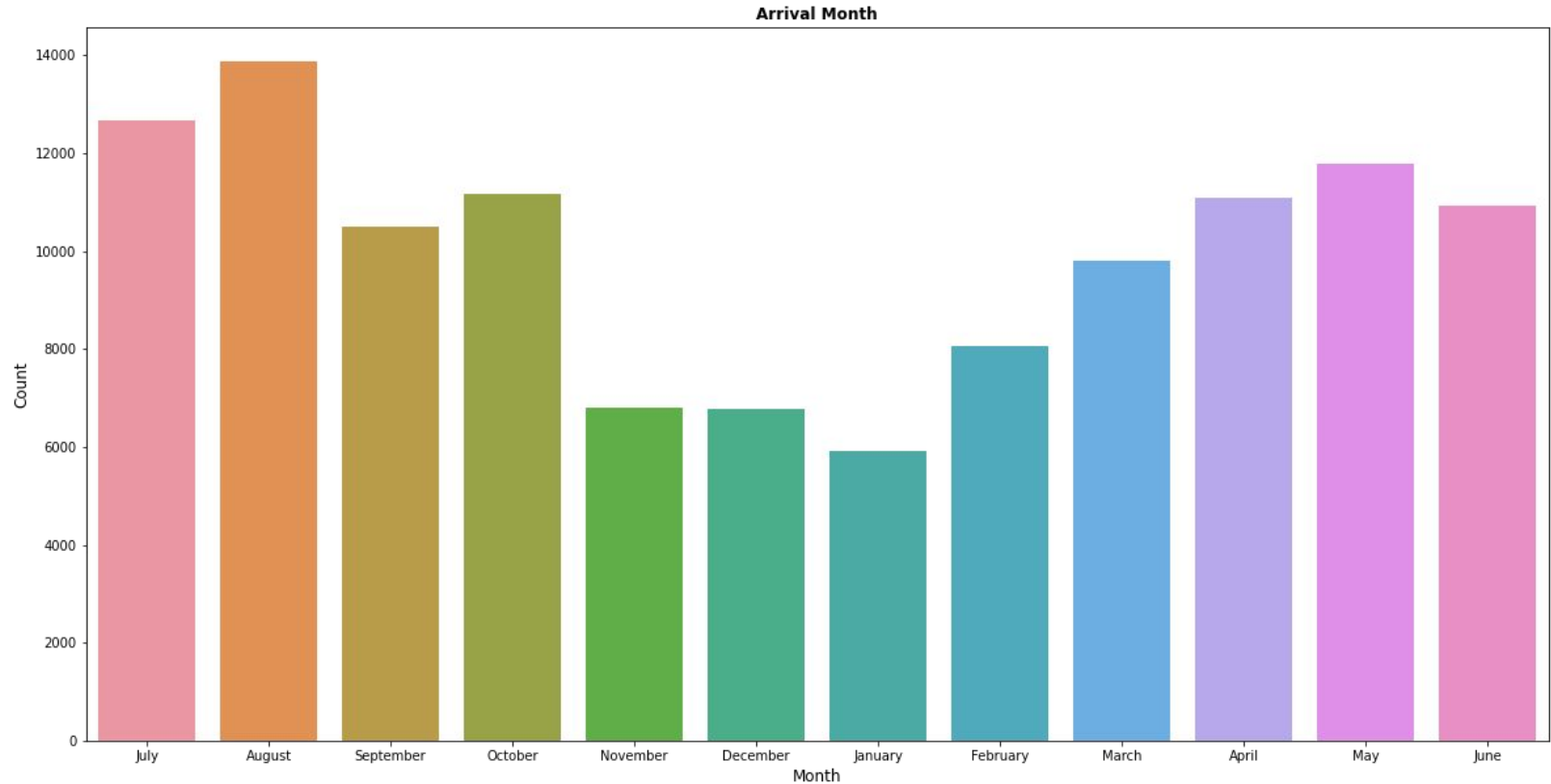
**Dataset Name:** Hotel Booking Analysis

**Shape:**
- **Rows: 119390**
- **Columns: 32**

**Important columns:** hotel, market_segment, Customer_type, Arrival_month
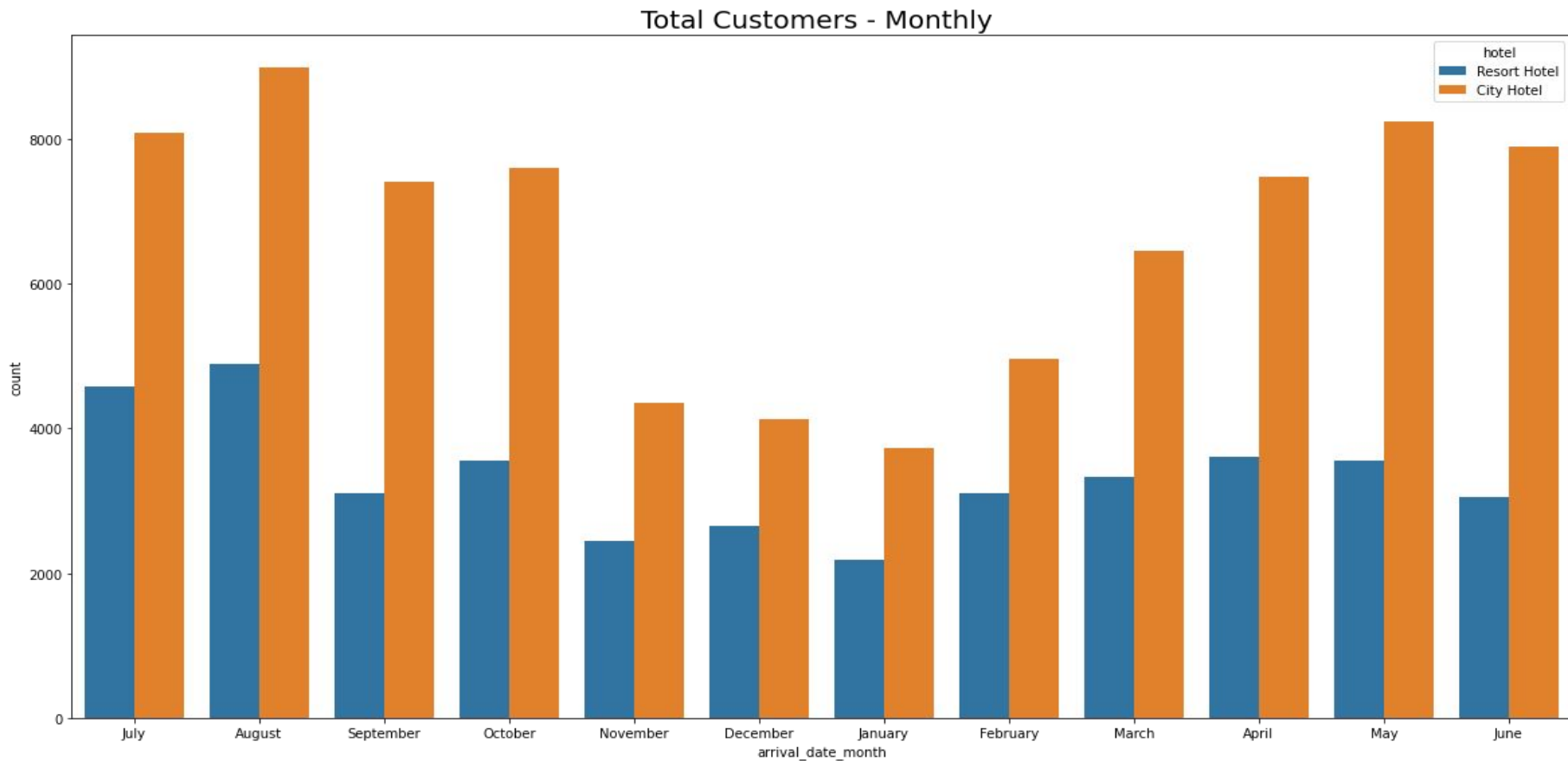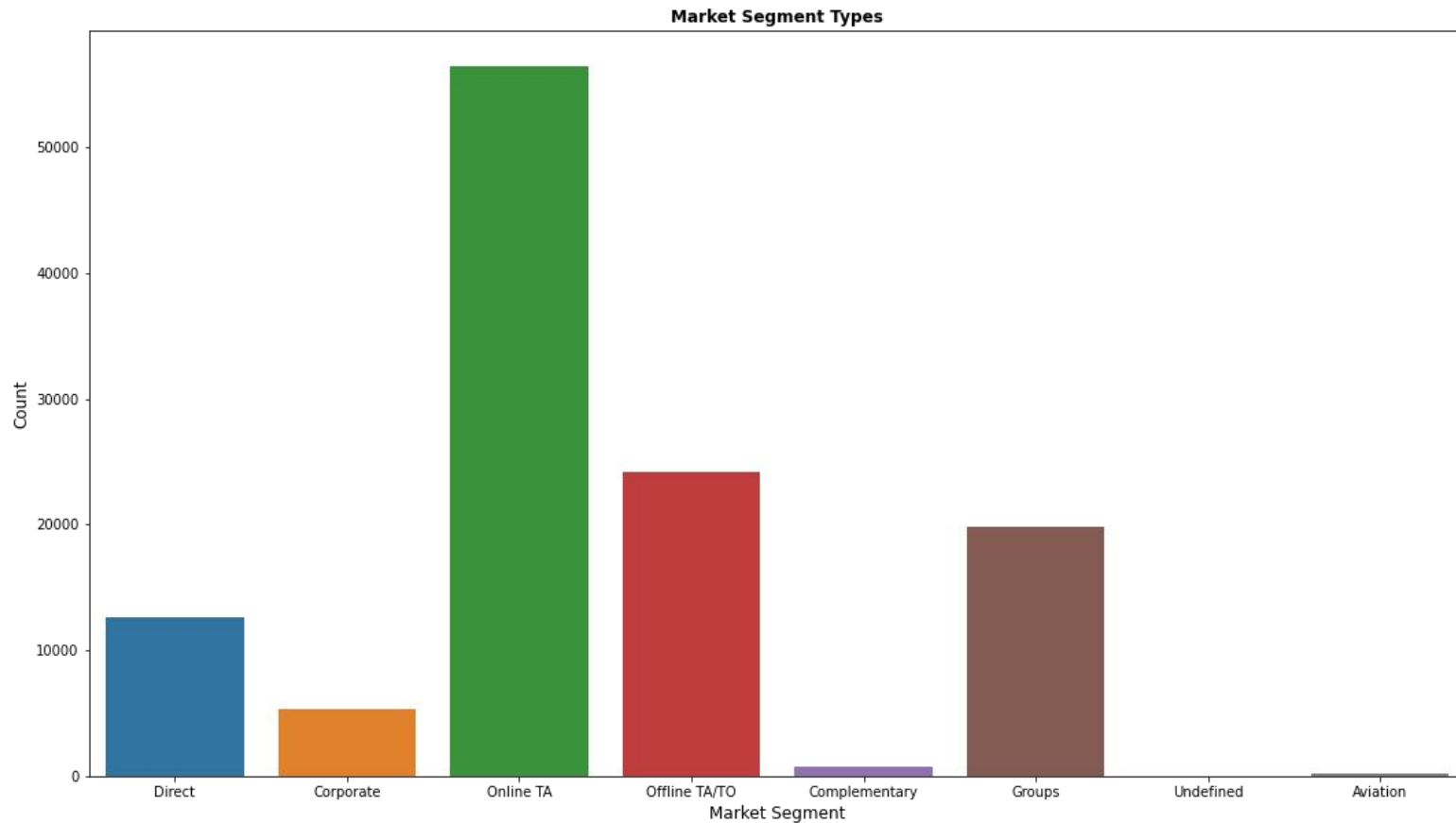
AI

# Analysis Based on Hotel Type
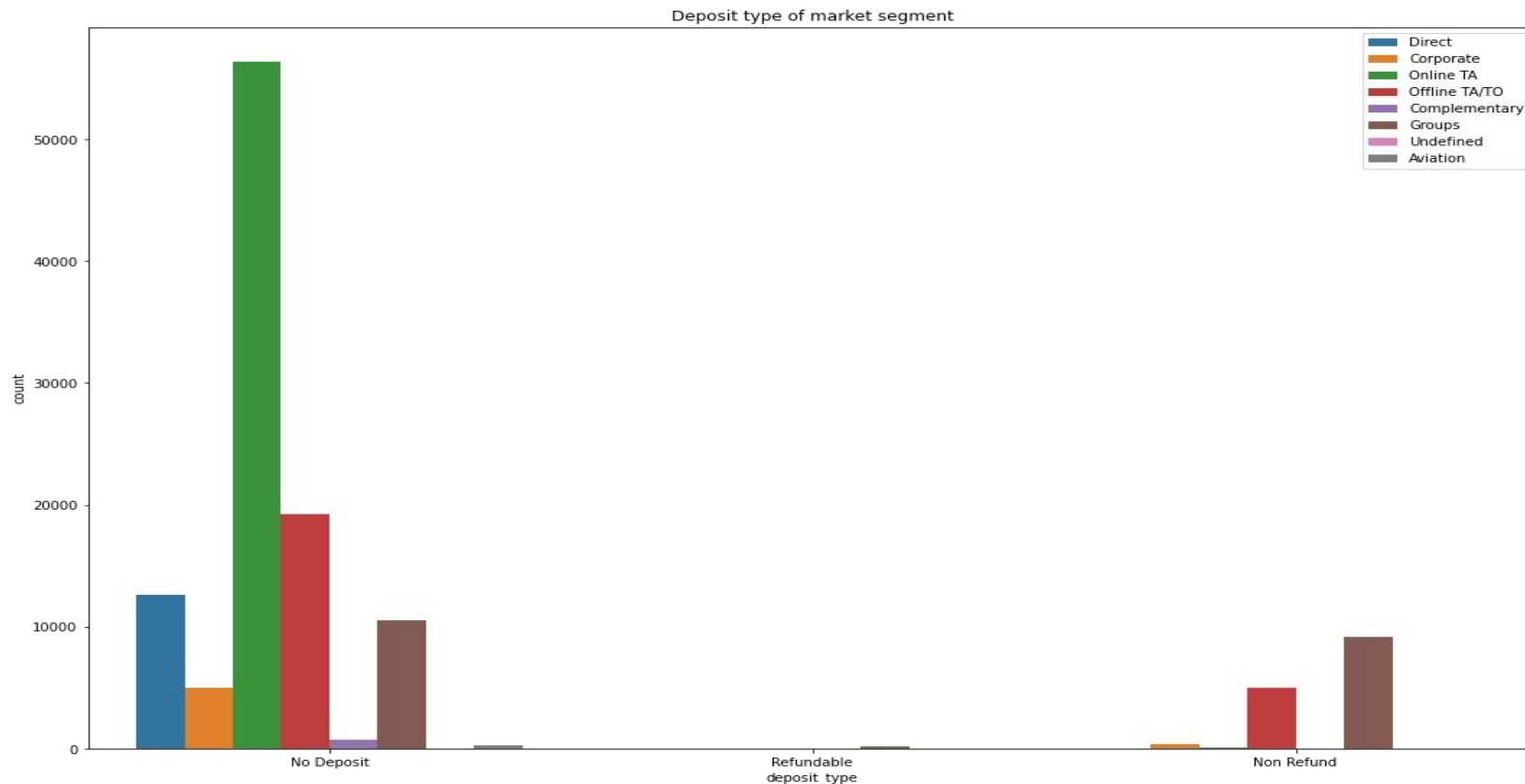
# Analysis Based on Arrival Month

# Analysis Based on Arrival Month



Total Customers - Monthly

# Analysis Based on Market Segment

**Market Segment Types**

# Analysis Based on Market Segment Type



Deposit type of market segment

# Analysis Based on Cancellation



Cancellation for Market Segment

# Analysis of number of Adults



Illustration of number of adults visiting each hotel
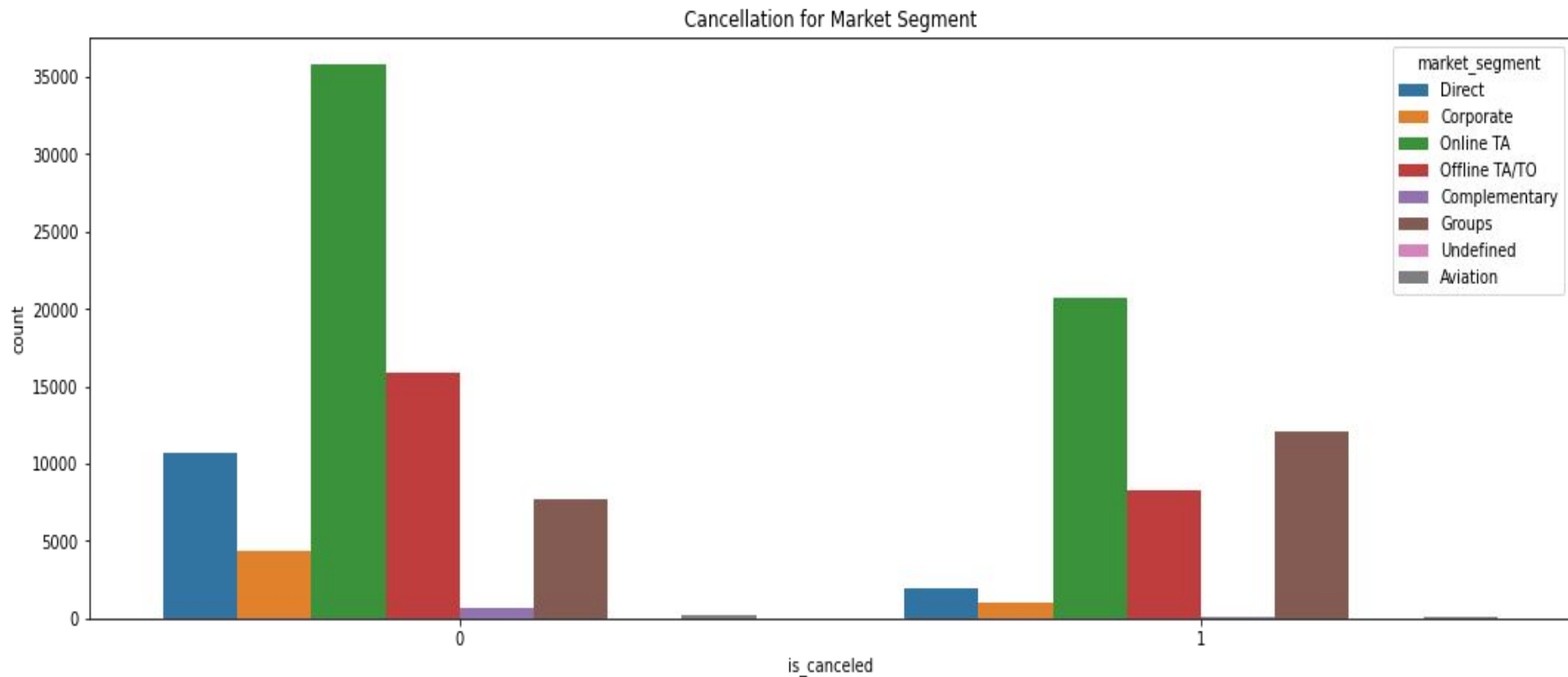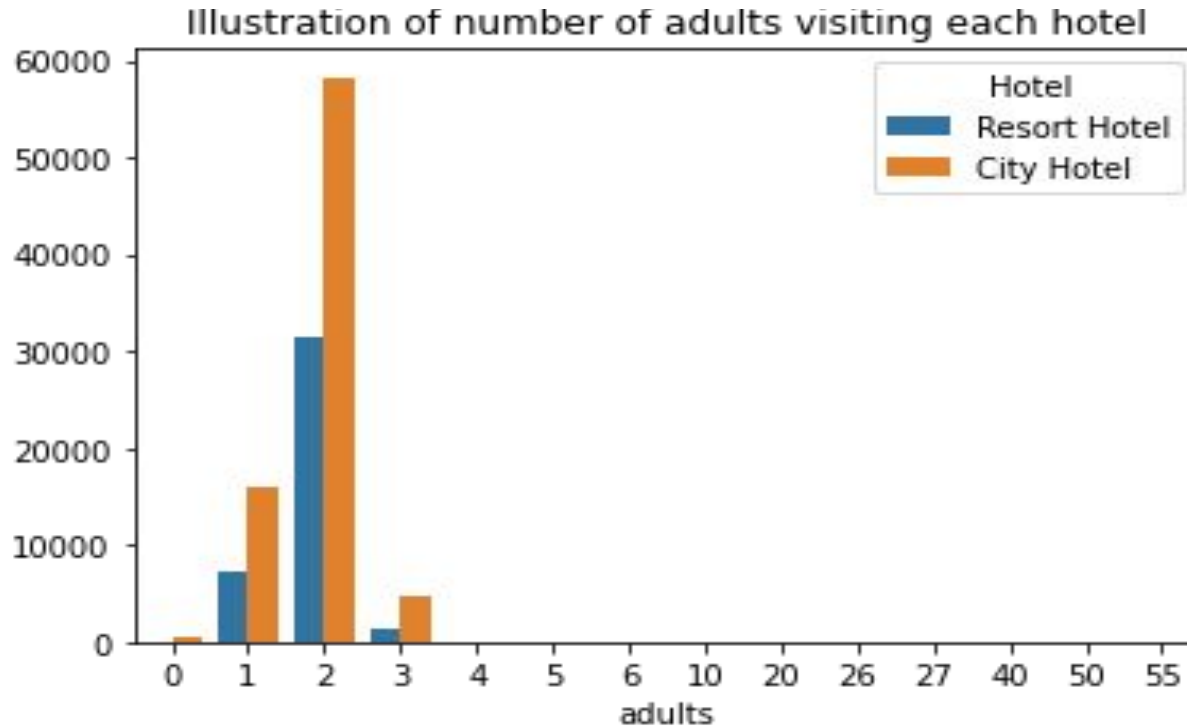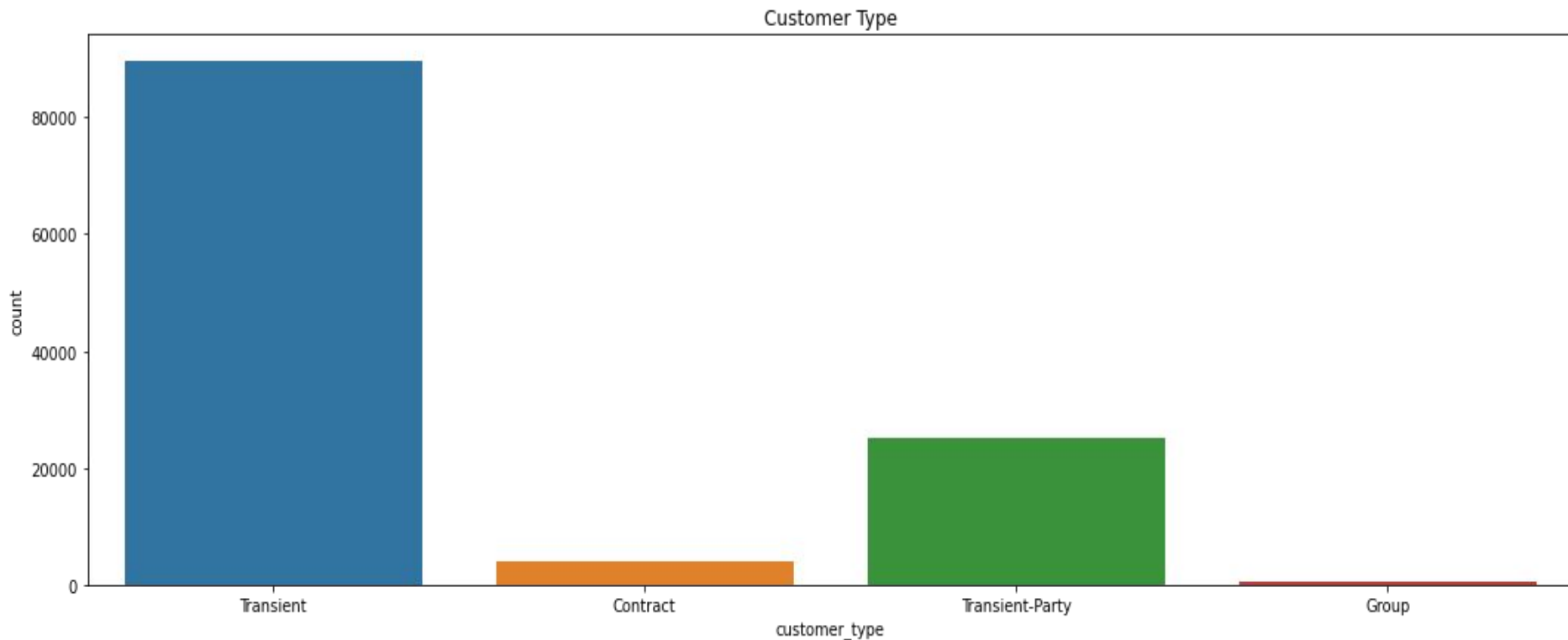
# Analysis of Number of Children and Babies
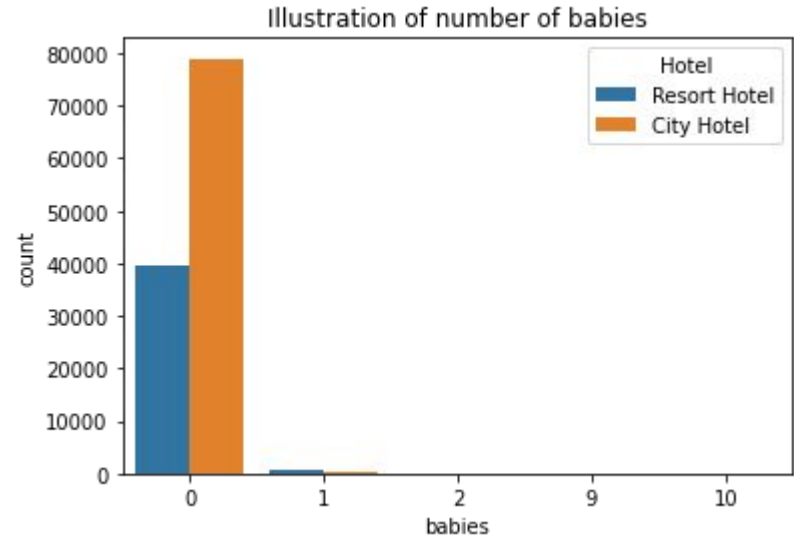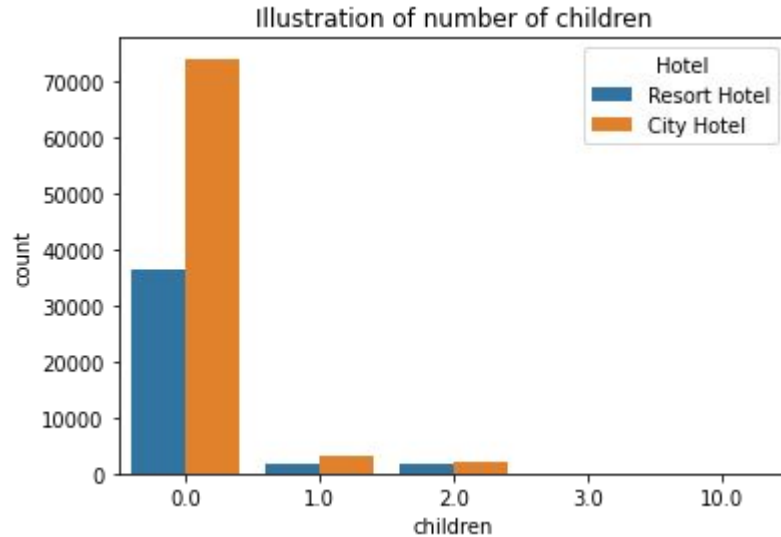
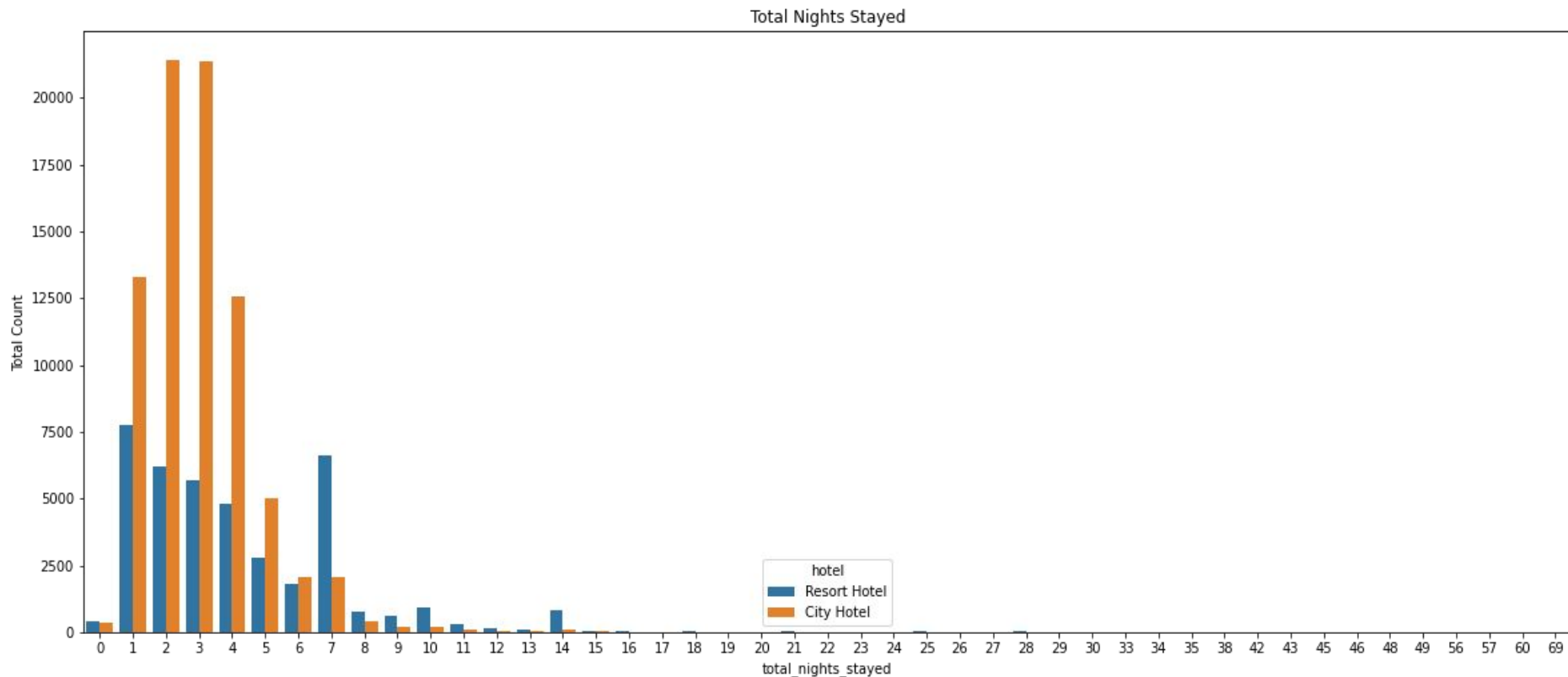# Analysis Based on Customer Country



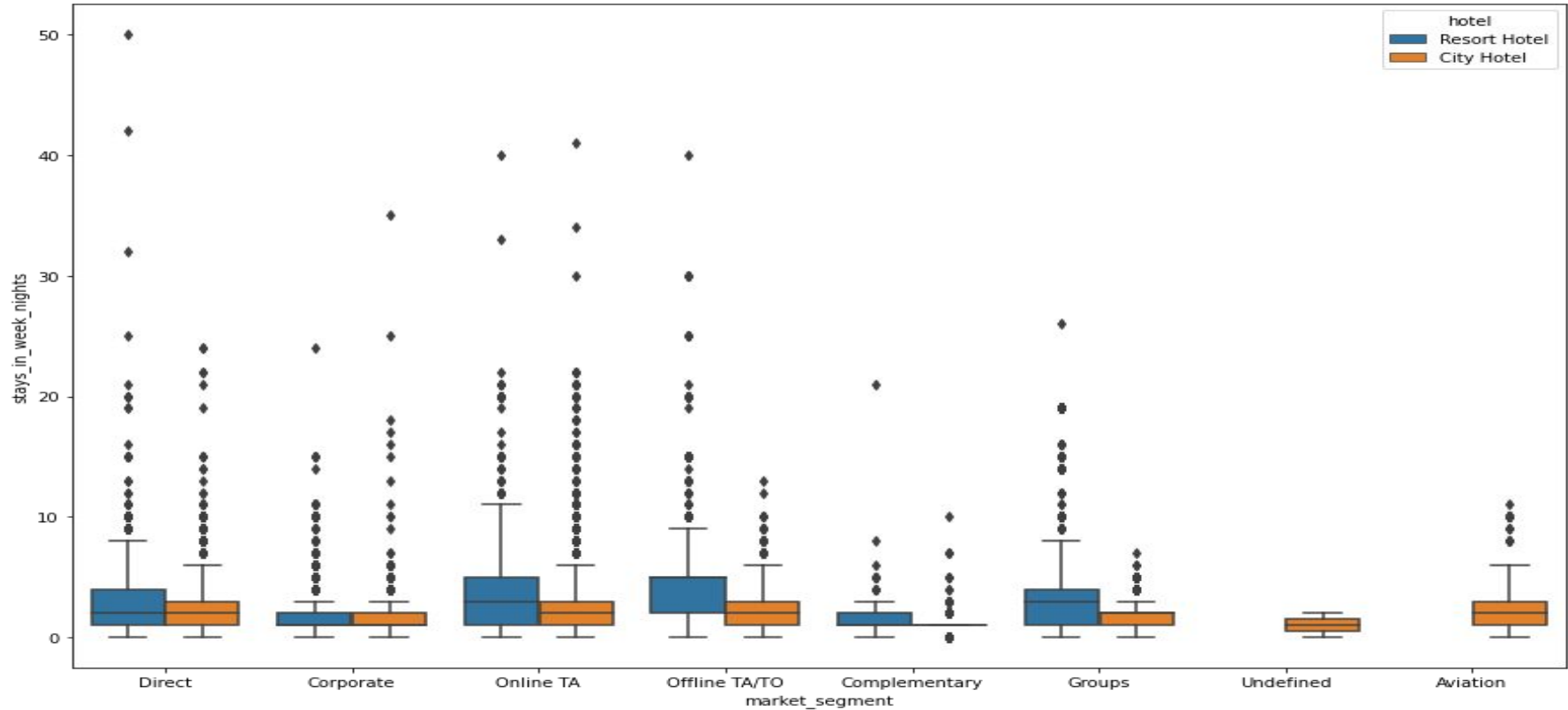Country of Customers
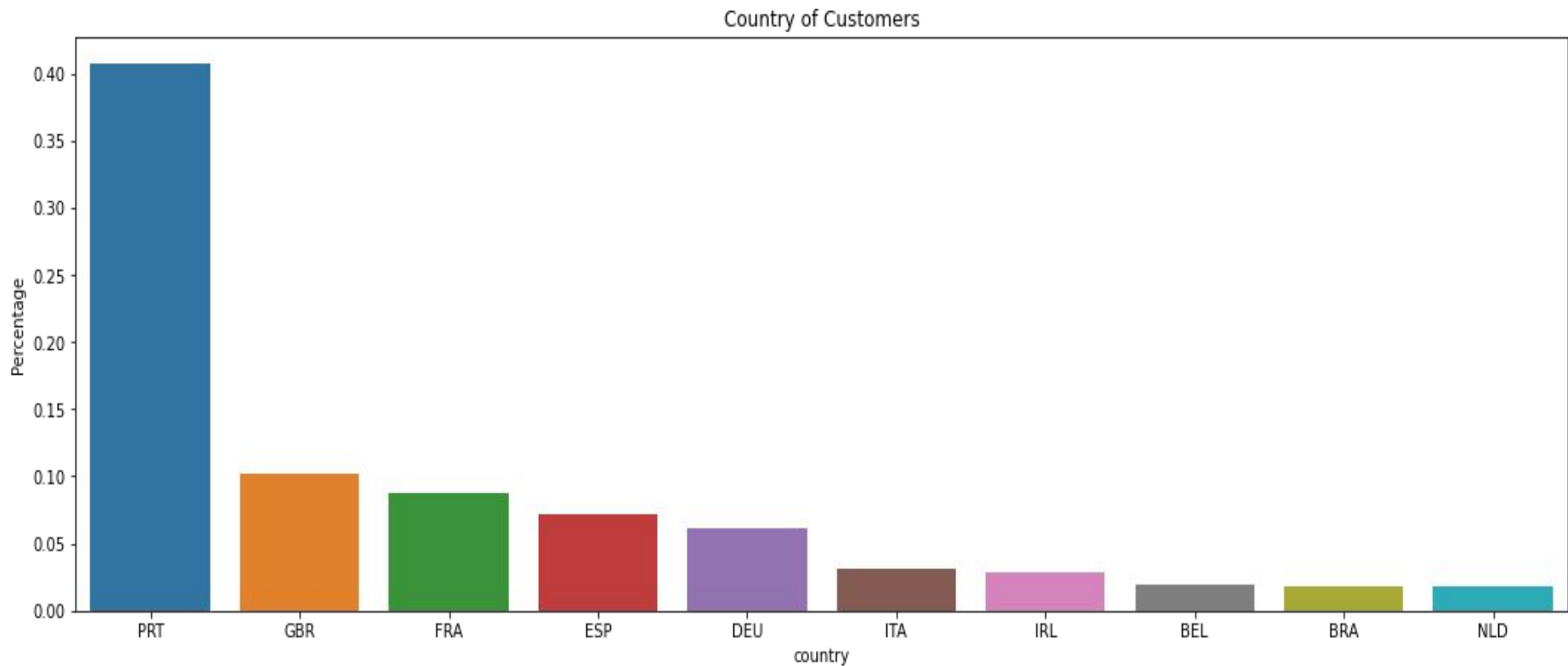
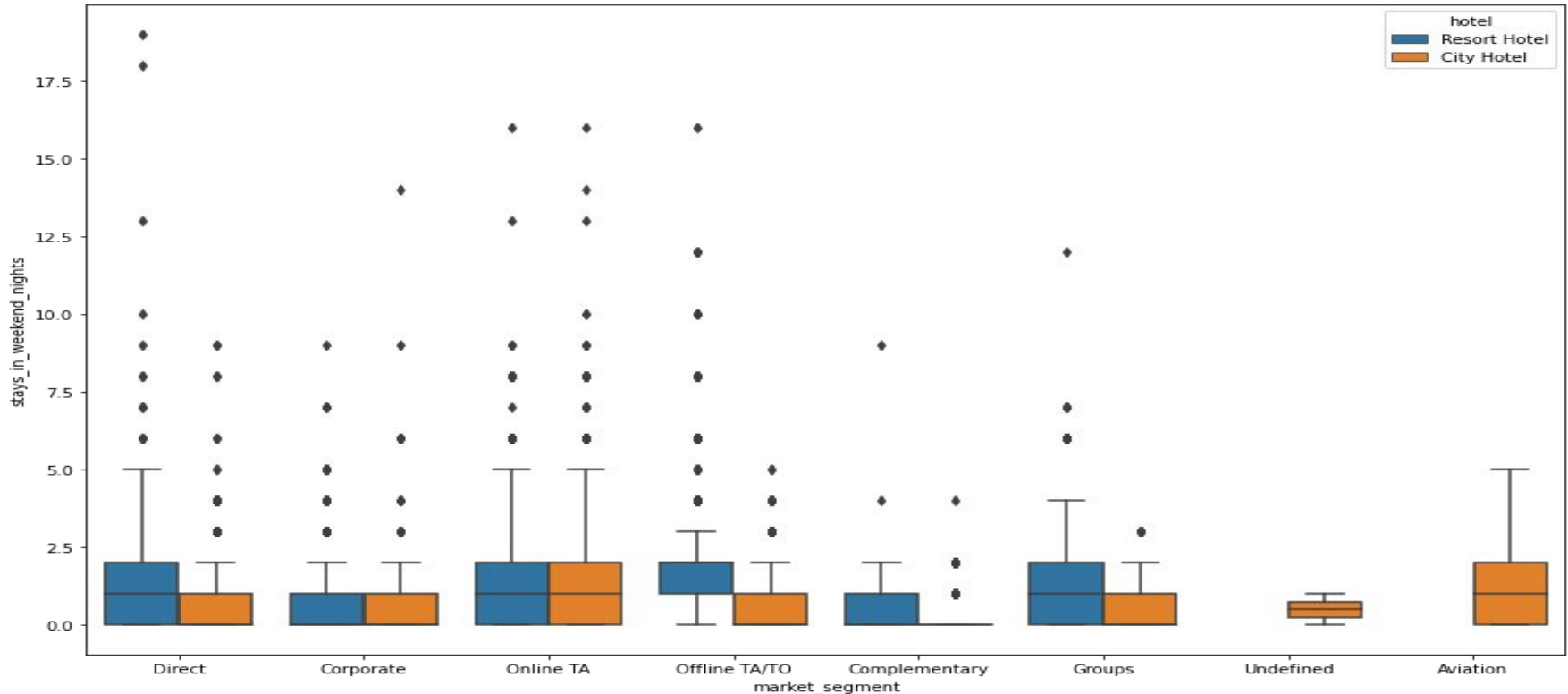# Analysis Based on Customer Type

# Analysis Based on Total Night Stayed



Total Nights Stayed

# Analysis Based on days in week nights

# Analysis Based on days spend in weekend

# Conclusion

- **Majority of the hotel Bookings were made in city Hotels,**
- **August is the busiest month for City hotels and Resort hotels. Bookings are lowest in the month of January. This could be due to weather.**
- **Most of the 60% of Bookings were not cancelled. And city hotels have more cancellation.**
- **In Adult mostly two people make reservation.**

Thank You