

Data Manipulation Project

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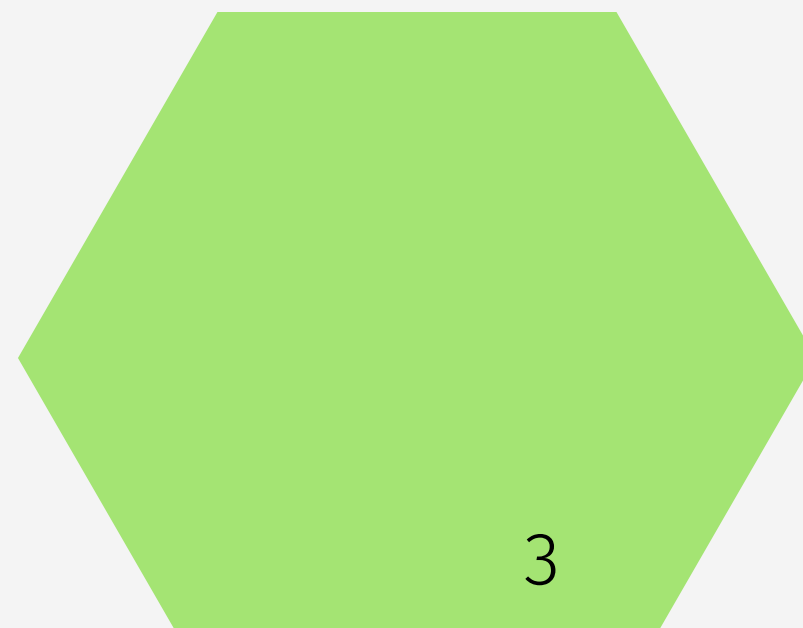


Agenda

- Overview of the Dataset
- Dataset Cleaning
- Graphs

Overview of the Dataset

This dataset is about two hotels. One of the hotels is a resort hotel and the other is a city hotel, with 31 variables describing the 40,060 observations of the resort hotel and 79,330 observations of the city hotel. Each observation represents a hotel booking.



Dataset Cleaning

Load Dataset and
Explore

Removing columns
with a lot of missing values

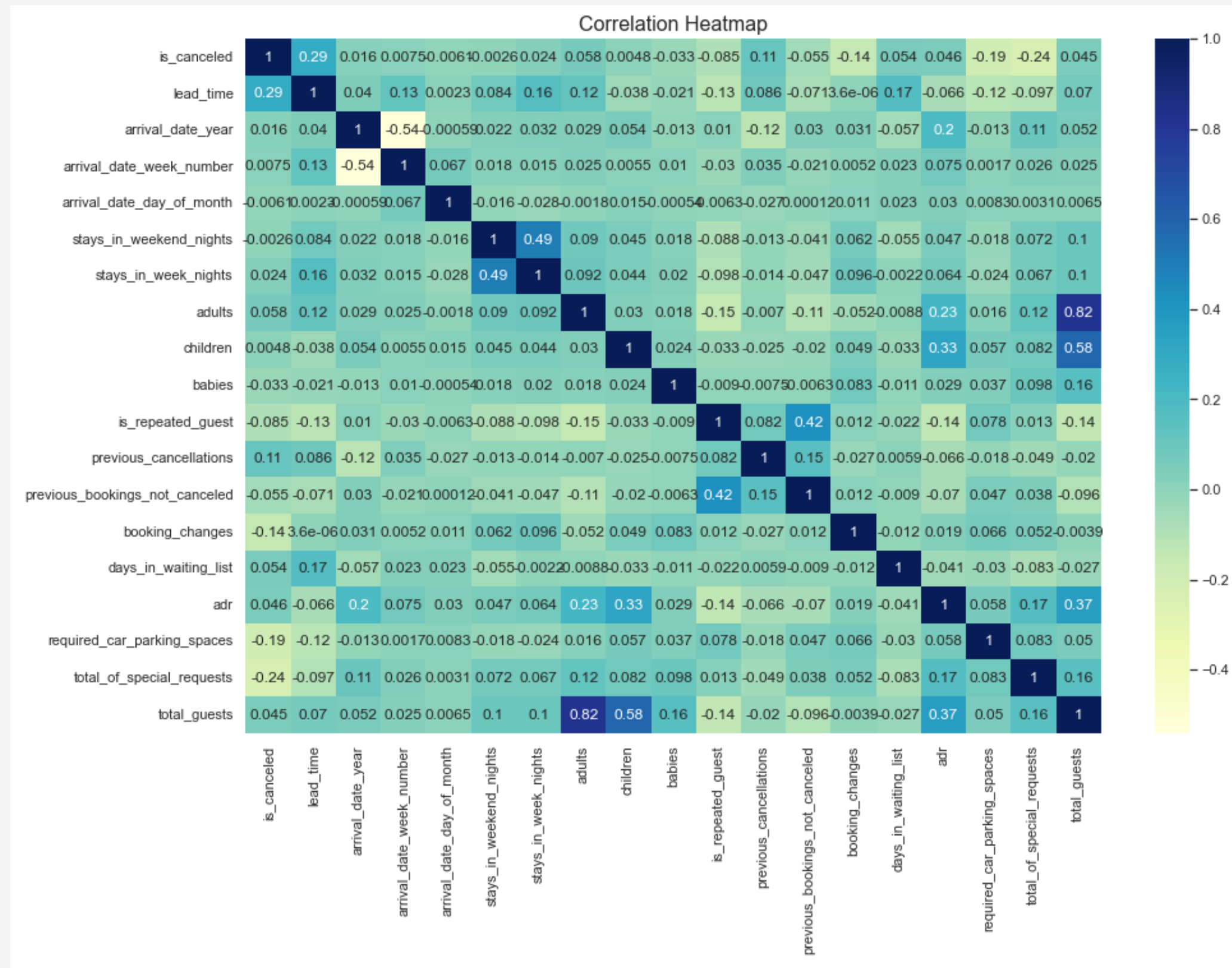
Removing all null values



Graphs

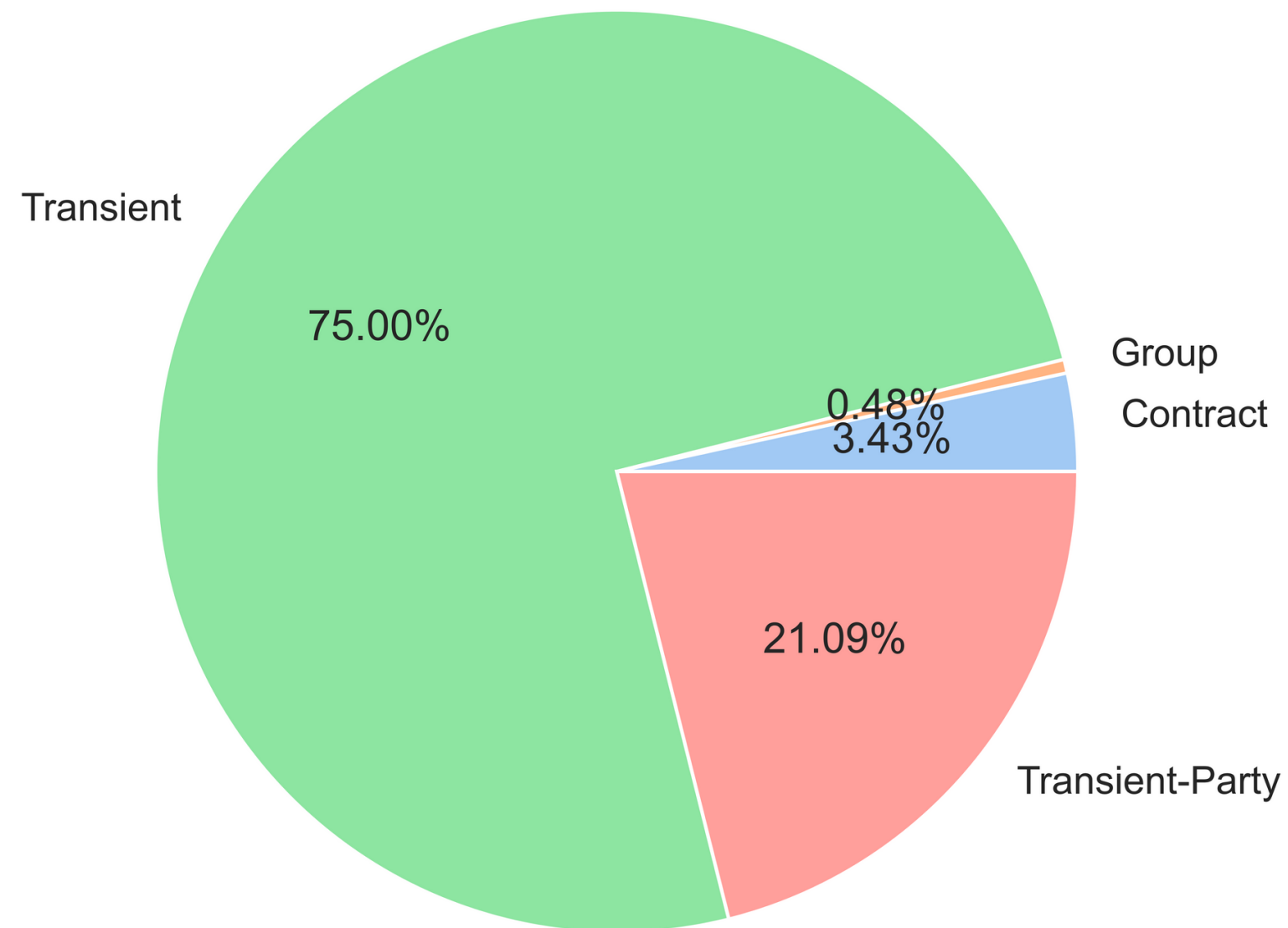


Graph-1

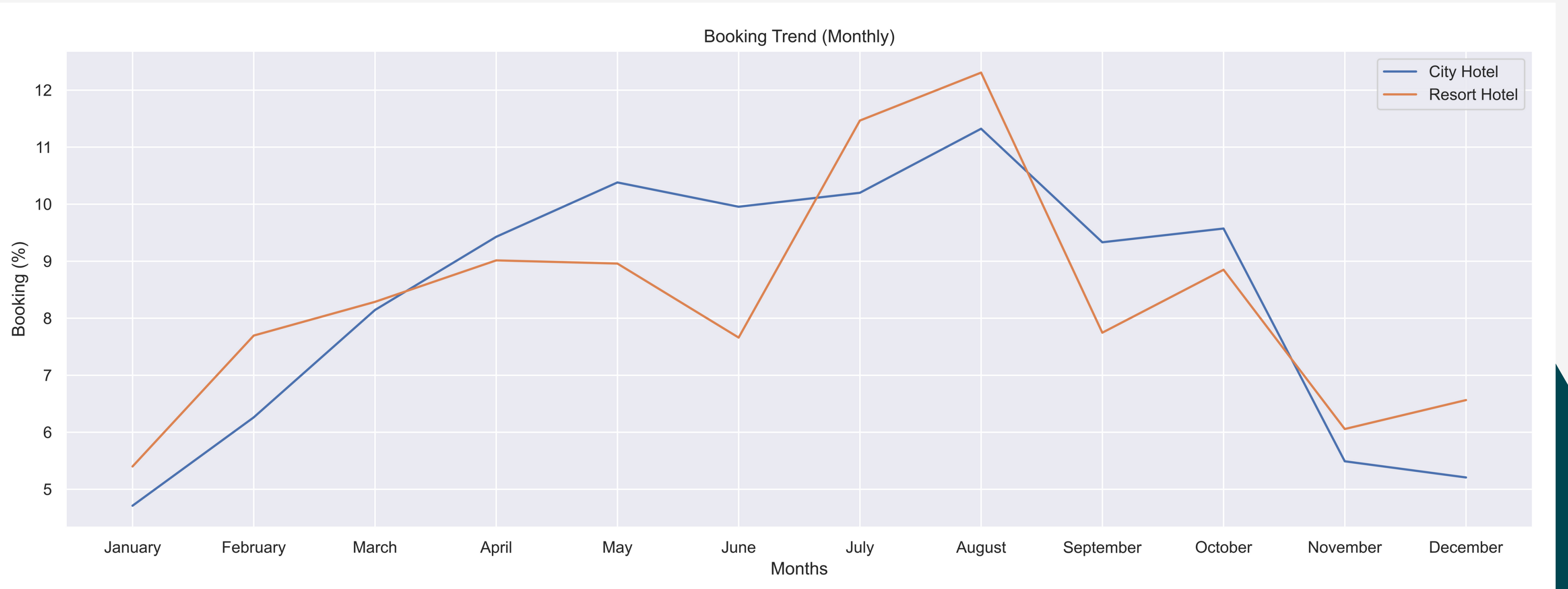


Graph-2

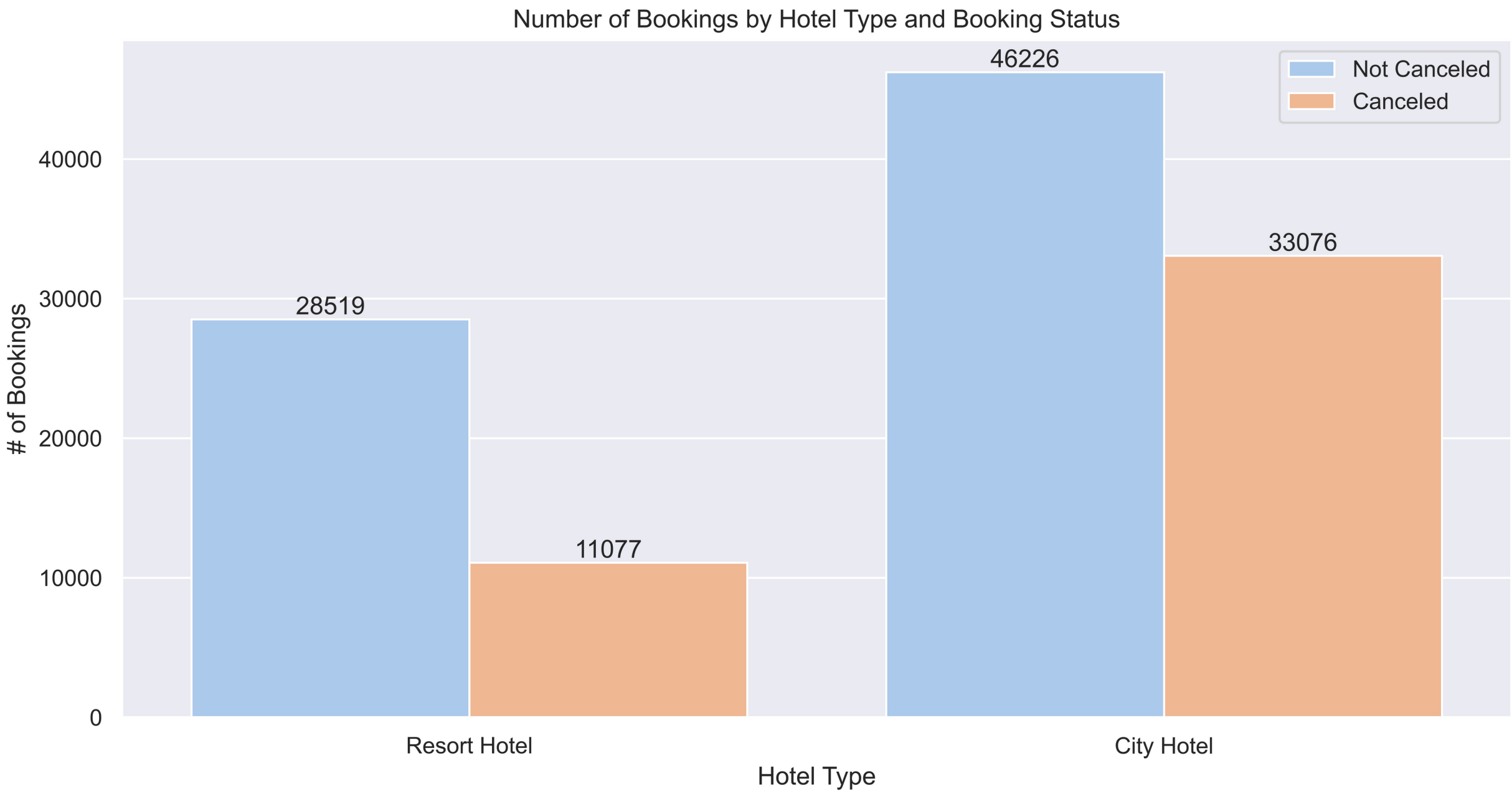
Customer Type Distribution



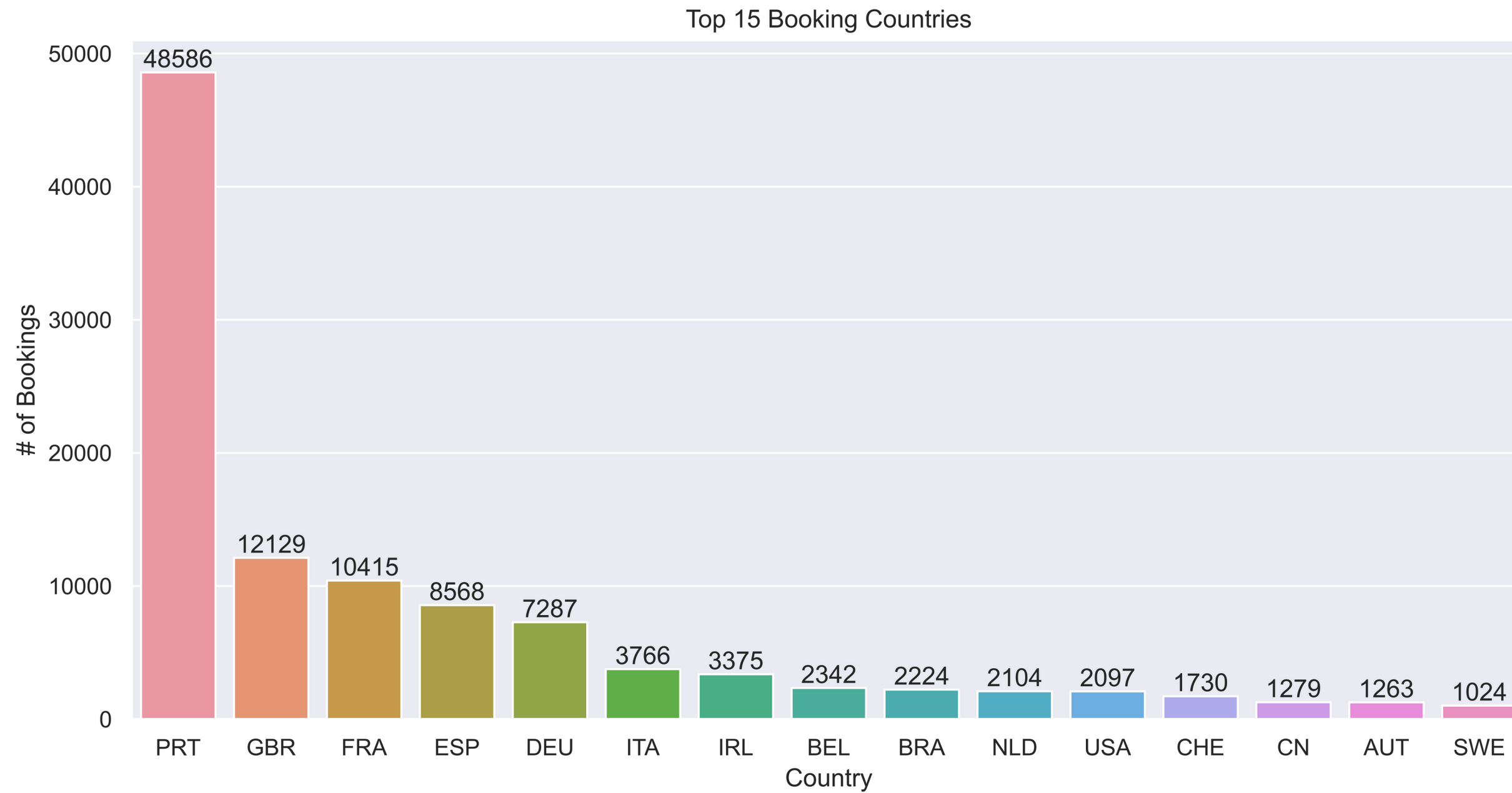
Graph-3



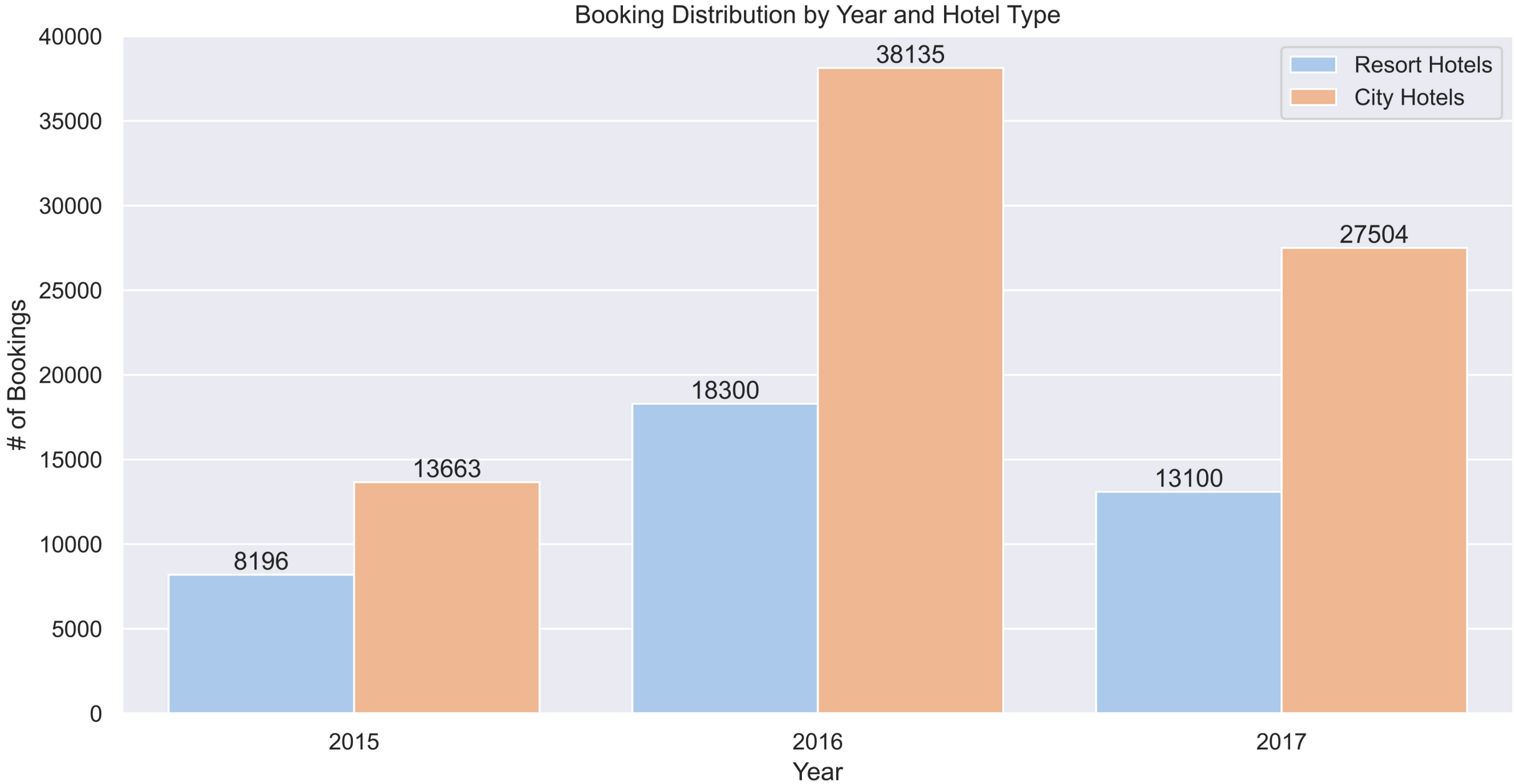
Graph-4



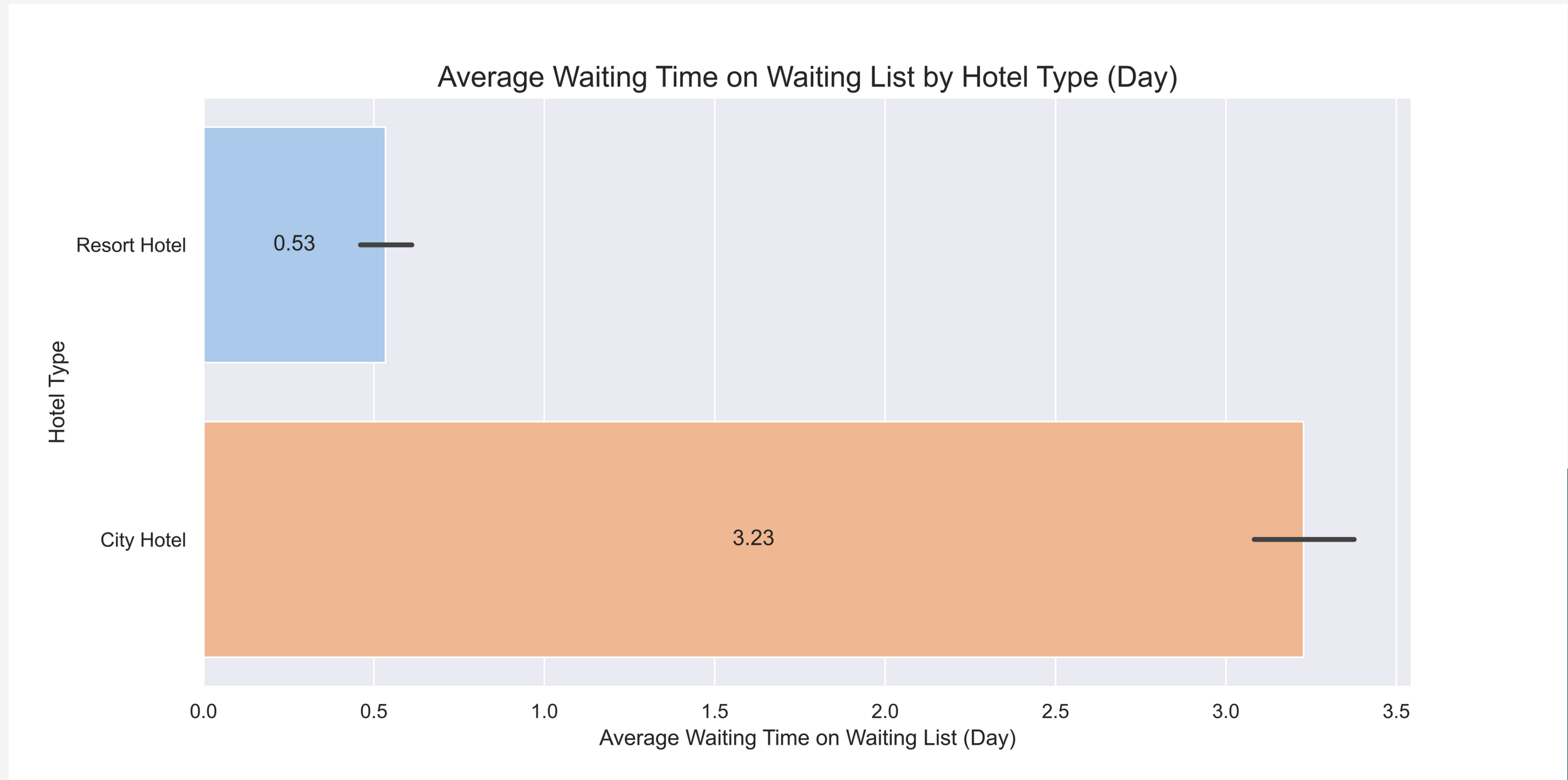
Graph-5



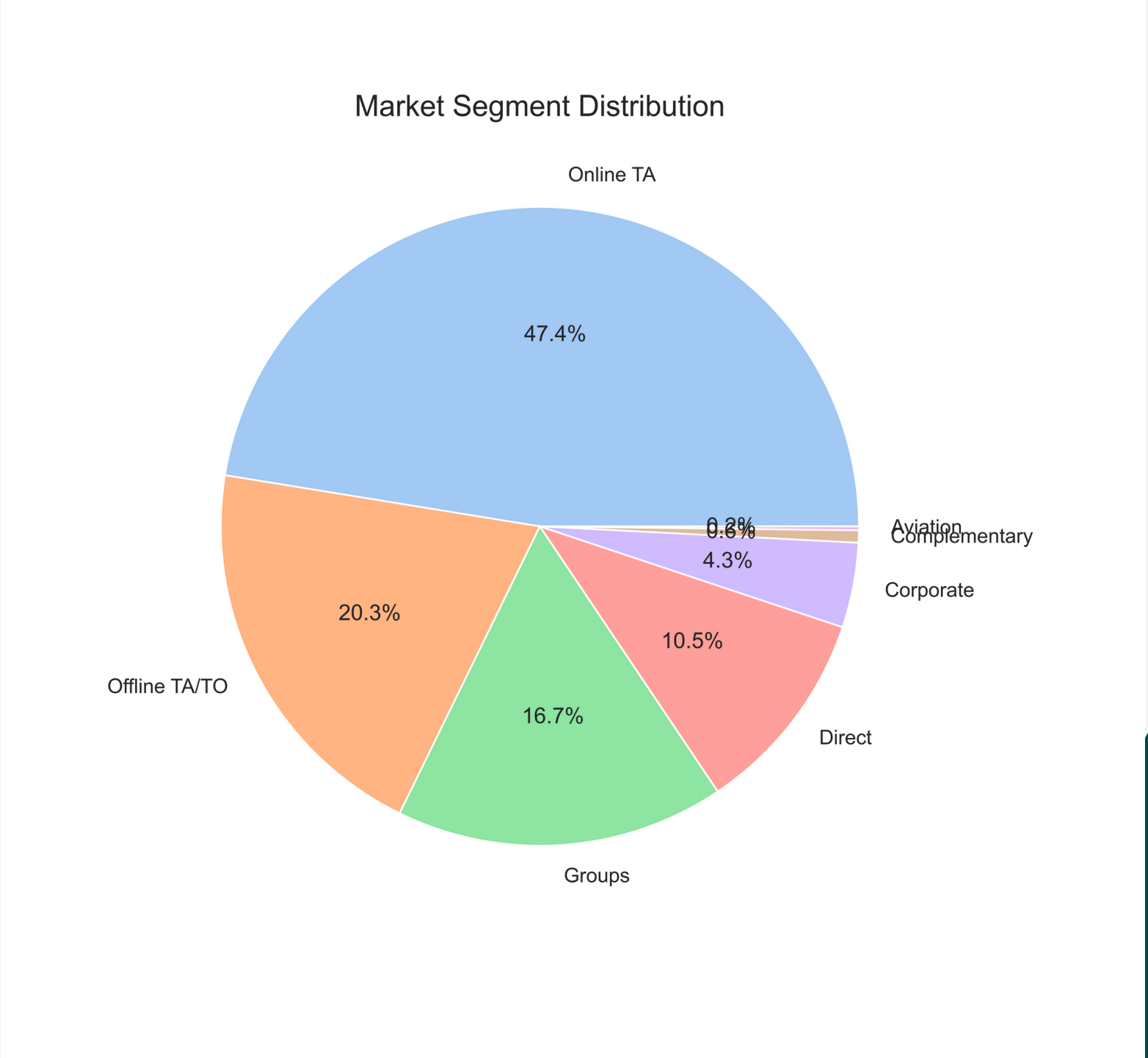
Graph-6



Graph-7



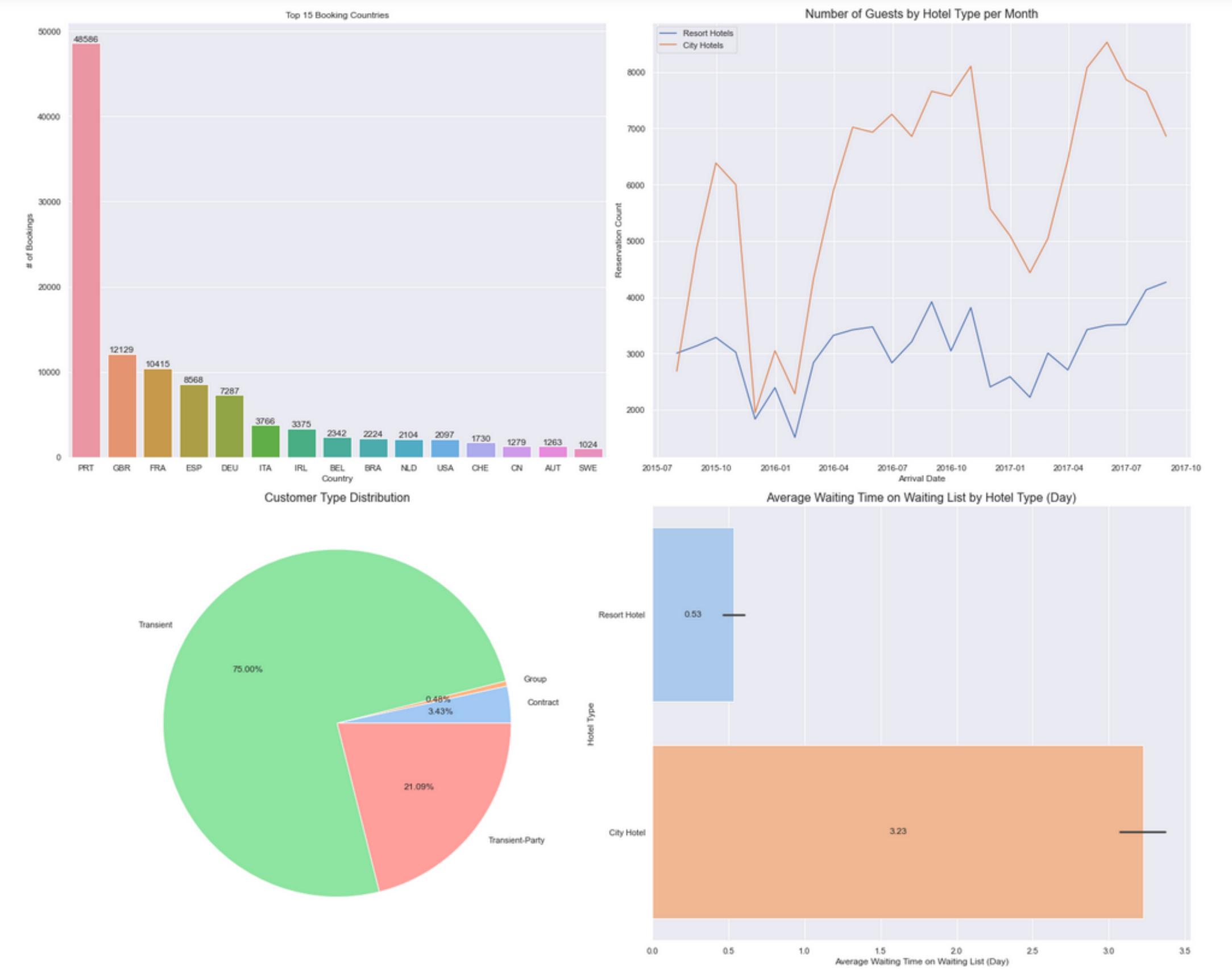
Graph-8



Graph-9



Graph-10



Reference:

<https://www.kaggle.com/datasets/jessemostipak/hotel-booking-demand>





Thank
you!