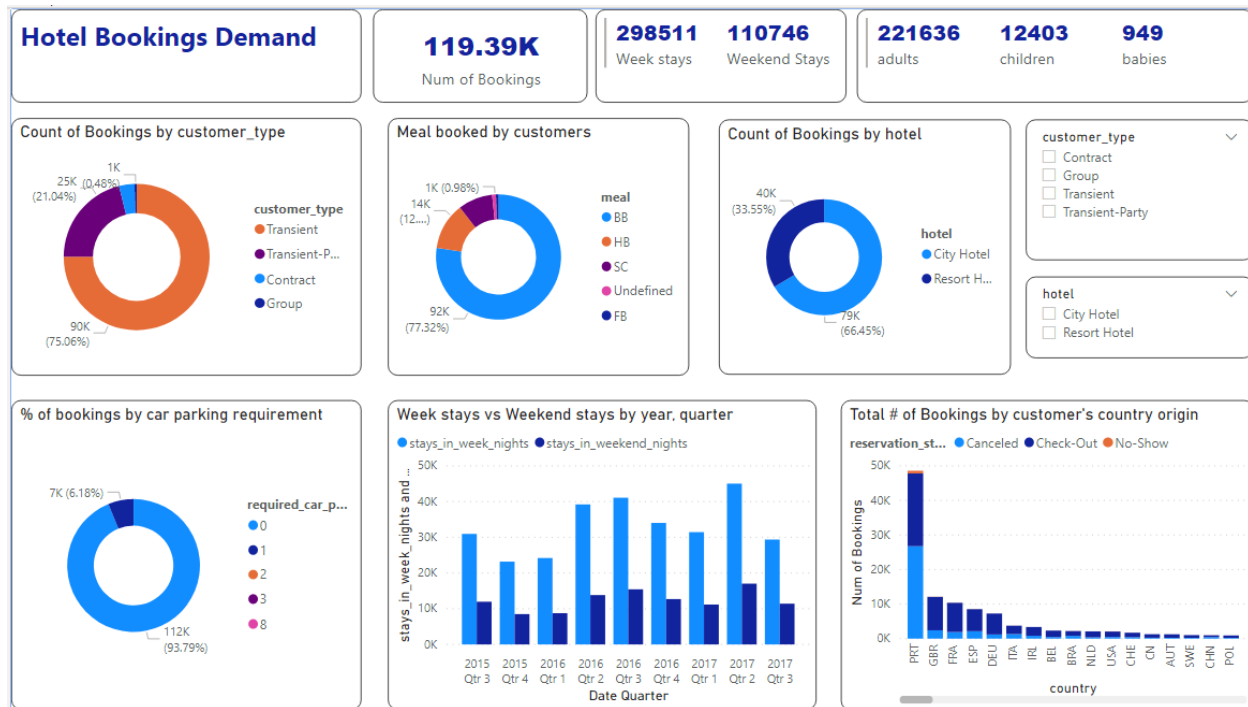


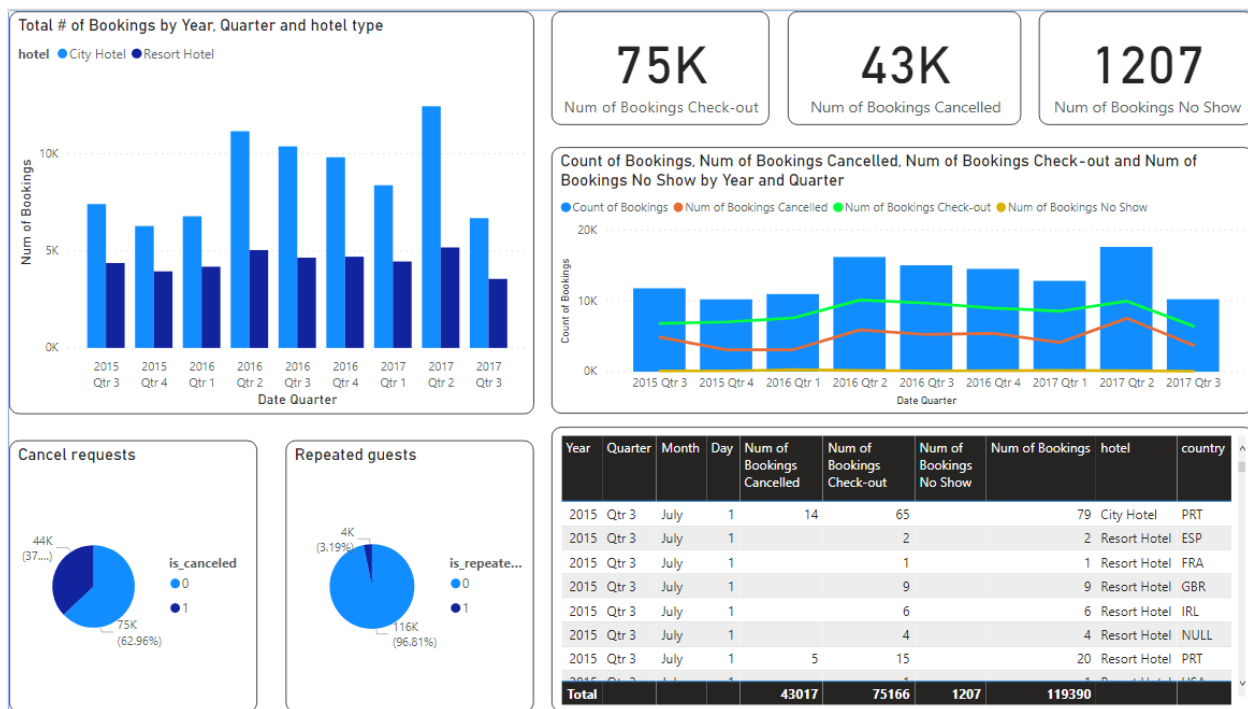
Name: Taniya Dhar

Email ID: txd180011@utdallas.edu



Keys Insights derived from the visualization:

- A total of **119,390 hotel bookings** were made according to the hotel dataset
- Most of the bookings are for short period of stay.** 75% is transient customer type which means 75% booking is not part of a group or contract and is not associated to other transient booking. Most of the customers must be business professionals
- Car parking spaces: 94% of the customers who booked the hotel rooms did not require car parking spaces. **There is not much demand for car parking spaces.**
- Total number of week stays are more than the weekend stays which also suggests the **customers booked hotels for professional work, or short visit and not for vacation**
- Week-night stays are more than weekend-night stays.
- 77% of the meal was booked for Bed & Breakfast, 12 % for Half board (breakfast and one other meal – usually dinner) & 0.67% for Full Board. There is less demand
- Out of the total number of hotel bookings, **66%** was for **City Hotels** & **34%** was for **Resort Hotels**. One of the reasons why customers book more City Hotels than Resort Hotels might be because they are less expensive.
 - Out of 119390, 79330 City hotels were booked, and 40060 Resort Hotels were booked
- Total # of Bookings by customer's country origin:**
Top 5 total number of hotel bookings are from customers having their origin in countries **Portugal, UK, France, Spain, Germany**
 - PRT -Portugal (48590), GBR -United Kingdom (12129), FRA -France (10415), ESP -Spain (8568), DEU -Germany (7287)



Keys Insights derived from the visualization:

- Total # of Bookings by Year, Quarter and hotel type**
 - 2017 Q2 has the highest number of hotel bookings both for City Hotels & Resort Hotels
 - 2017 Q2 also has the highest number of cancellation requests
- Reservation status:**
 - Canceled** – 43K customers have cancelled their hotel bookings.
 - Check-Out** – 75 K customers have checked in but already departed
 - No-Show** – 1207 customers did not check-in and did inform the hotel of the reason
- 37% of the bookings were cancelled.
- 3.19% of the bookings were done by repeated guests.
- Table showing type of hostel (City/Resort)/ Customer origin/Num of bookings daily



Quarter 2 of each year (Month April – June) has the most number of bookings and customers checking-out of the hostels.