**Data Analysis Project For Hotel Reservation**

**Business Problem:** In recent years, City Hotel and Resort hotel have seen high cancellation rates. Each hotel is now dealing with a number of issues as a result, including fewer revenues and less than ideal hotel room use. Consequently, lowering cancellation rates is both hotels primary goal in order to increase their efficiency in generating revenue, and for us to offer thorough business advice to address this problem.

The analysis of hotel booking cancellations as well as other factors that have no bearing on their business and yearly revenue generation are the main topics of this report.

**Research Questions:**

1. What are the variables that affect hotel reservation cancellation?
2. How can we make the hotel reservation cancellation better?
3. How will hotels be assisted in making the pricing and promotional discounts decisions?

**Hypothesis:**

1. More cancellations occur when prices are higher.
2. When there is longer wait list, customers tend to cancel more frequently.
3. The majority of clients are coming from offline travel agents to make their reservations.