

Capstone Project Submission

Team Member's Name, Email and Contribution:

Team: Individual

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Contribution:

- 1. Data wrangling**
- 2. Data cleaning**
- 3. Data Analysis**
- 4. Data visualization**
- 5. Data conclusion**

Please paste the GitHub Repo link.

Github Link:

<https://github.com/akshaybiliki/Almabetter/commit/8c77ab249d12615577c4af266498f62733d582ba>

Please write a short summary of your Capstone project and its components. Describe the problem statement, your approaches and your conclusions. (200-400 words)

Problem Statement:

This data set contains booking information for a city hotel and a resort hotel, and includes information such as when the booking was made, length of stay, the number of adults, children, and/or babies, and the number of available parking spaces, among other things. All personally identifying information has been removed from the data. The following questions Explore and analyze the data to discover important factors that govern the bookings

- 1. Which type of hotel is more preferable by customers (overall)?**
- 2. Which type of hotel is more preferable by customers to stay night?**
- 3. In which year did guests visit most of both types of hotels?**
- 4. In which month did guests visit most of both types of hotels?**
- 5. In which weekday did guests visit most of both types of hotels?**
- 6. From which Market_segment did guests visit most of both types of hotels?**
- 7. Which type of customer visits the most throughout the year?**
- 8. Both types of hotels are visited more by guests from which country? Mention the top 10?**
- 9. Which hotel has the customer made the most special request?**
- 10. Monthly ADR report for the analysis of price and revenue?**
- 11. Hotel wise as well how long customer will prefer to stay in both type hotels?**
- 12. Is booking cancellation affected by 'lead_time' or 'waiting_period' ?**

