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| **Questions/Problems** | **Analytics Problem Type** | **Analytics Technique** |
| * What is the leading airline for this specific destination? * Identify which airlines has the excellent service in this specific destination. * Identify which airline is most associated with flights to its destination. | Classification | Naïve Bayes  Decision Trees  Linear and Logistic Regression  Random Forest |
| * When are the departure and arrival times for these airlines? * Classify the departure and arrival time of the airline whether its morning, afternoon, or evening. | Classification | Naïve Bayes  Decision Trees  Linear and Logistic Regression |
| * Which terminal do these airlines operate from?   Predicts on:   * Potential land traffic going to the terminal. * Distance of the terminal from their place. | Regression | Decision Trees  Linear and Logistic Regression |
| * During which year or season do flight volumes peak? * Identify the year/season which flight volumes are highest. * Classify the high passenger traffic | Classification | Naïve Bayes  Decision Trees  Linear and Logistic Regression  Random Forest |
| * What is the estimated or adjusted count of passengers on the flight? | Regression | Decision Trees  Linear and Logistic Regression  Random Forest |

**Alimodian Guen Joy B.**  December 20, 2023

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