**Project Development Phase**

**Model Performance Test**

| Date | 27 june 2025 |
| --- | --- |
| Team ID | LTVIP2025TMID57557 |
| Project Name | Flight\_booking\_system |
| Maximum Marks |  |

**Model Performance Testing:**

| **S.No.** | **Parameter** | **Screenshot / Values** |
| --- | --- | --- |
|  | Data Rendered |  |
|  | Data Preprocessing |  |
| 3. | Utilization of Filters | Search Filter UI |
| 4. | Calculation fields Used | | totalBookings | Total number of bookings by a user or overall | | --- | --- |  | totalFlightsAvailable | Number of flights available for booking | | --- | --- |  | availableSeats | Number of remaining seats after bookings | | --- | --- |  | bookingRevenue | Total revenue from confirmed bookings | | --- | --- |  | cancellationCount | Count of cancelled bookings | | --- | --- |  | dailyBookingCount | Number of bookings made per day | | --- | --- |  | userCount | Total registered users | | --- | --- |  | adminCount | Total admins registered | | --- | --- |  | routeWiseBookingCount | Number of bookings per flight route | | --- | --- |  | flightOccupancyRate | Percentage of seats filled per flight | | --- | --- | |
| 5. | Dashboard design | | No. of Visualizations / Graphs | **6** | | --- | --- |   **Key Dashboard Visualizations:**   1. Total number of flights (bar graph) 2. Booking trend over time (line graph) 3. Seat occupancy per flight (pie chart or progress bars) 4. Most active users (bar chart) 5. Revenue per route (stacked bar chart) 6. Cancellations trend (area chart) |
| 6 | Story Design | No of Visualizations / Graphs -3  **User Engagement Overview**   * Total users, bookings, and active users over time   **Flight Utilization & Performance**   * Visuals: Occupancy rate, route performance, cancellations   **Revenue & Growth**   * Booking revenue trends and peak time analytics |