Capstone Project - Metrics File

Models Built

1. Logistic regression
2. K-Nearest neighbours
3. Random Forests

Final Model

K-Nearest Neighbours

Model Features

- overall_rating
- seat_comfort_rating
- cabin_staff_rating
- food_beverages_rating
- value_money_rating
- Economy (dummy)
- First Class (dummy)
- Premium Economy (dummy)

Hyperparameters

N_neighbors : 35

Model Performance

- Accuracy = 94.95%
- Precision = 96.2%
- Recall = 94.4%