

Project Development Phase

Model Performance Test

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| Team ID | LTVIP2026TMIDS47032 |
| Project Title | Flight finder: navigating your air travel options |

Model Performance Testing

Project team shall fill the following information in model performance testing template.

| S.No. | Parameter | Values |
|-------|------------------------------|---|
| 1 | Model Summary | Machine Learning model to recommend optimal flight booking times and detect possible fraudulent patterns. Built using scikitlearn with Random Forest. |
| 2 | Accuracy | Training Accuracy – 89% Validation Accuracy – 85% |
| 3 | Fine-Tuning Result (if done) | After hyperparameter tuning (max_depth, n_estimators), Validation Accuracy – 87% |