

Social /Business Impact:

1. Accurate and timely forecast of flight delays are provided.
2. Passengers can make more informed decision about their travel plans and avoid delays or missed connection.
3. According to business perspective ,flight delay forecasting can help airlines and airports improve their operations and reduce costs.
4. Additionally , flight delay forecasting can help airlines and airports optimize their staffing and resource allocation ,resulting in cost saving.
- 5.Delays are calculated against scheduled block times as well as against more idealized feasible flight times.Based on econometric estimations,welfare impacts of flight delays are calculated.
6. Predicting flight delays can improve airline operations and passenger satisfaction ,Which will result in a positive impact on the economy.
7. In this study ,the main goal is to compare the performance of machine learning classification algorithms when predicting flight delays.
- 8.They have used techniques like decision Trees,AdaBoost and K-nearest Neighbors for predicting individual flight delays.
9. A Binary classification was performed by the model to predict the scheduled flight delays.
10. Flight delays is predicted using Machine Learning (ML).
11. From a social perspective can help improve the travel experience for passengers.