PROJECT OBJECTIVES

Date	20 November 2022
Team ID	PNT2022TMD52214
Project Name	Developing a Flight Delay Prediction using Machine Learning

OBJECTIVES

- Flight delays are gradually increasing and bring more financial difficulties and customer dissatisfaction to airline companies.
- To resolve this situation, supervised machine learning models were implemented to predict flight delays.
- The main issues associated with flight delay prediction are known and arranged in taxonomy.
- It includes the problem that causes the flight delay, the range of institution it affects, and ways that of handling flight delay prediction downside.
- It considers flight domain options, like problem and scope.
- These problems cannot be eliminated forever, but a delay prediction tool will allow the operator and the administrators to take the concerned actions for smooth operation.
- This problem that is causes delay affects Airline, Airport and the enroute airspace which are independent entities which works in synchronization and hence delay in flight causes issues in all the sectors.
- This Methods that can be used to develop a system which predicts the delay in flights can be Machine Learning.