

PNT2022TMID30798
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Project Design Phase-I
Proposed Solution Template

Date	2 October 2022
Team ID	PNT2022TMID30798
Project Name	Developing a Flight Delay Prediction Model
Maximum Marks	2 Marks

Project - Developing a Flight Prediction Model

Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The prediction of flight delays was considered a binary classification problem that uses given data to predict whether a flight delay will take place or not.
2.	Idea / Solution description	Just you enter your flight number, airport and departure date in the flightaware or flightstats app. Usually, air carriers notify their passengers about flight cancellation.
3.	Novelty / Uniqueness	Flight delay is inevitable and it plays an important role in both profits and loss of the airlines. Income of airlines is affected.
4.	Social Impact / Customer Satisfaction	Delays and cancellations affect both passengers and air carriers. By resulting in increased expenses on food and loading.
5.	Business Model (Revenue Model)	By scheduled arrival time, airlines can reduce reported delays simply by inflating the scheduled time of the flight.