

Phase-I
Proposed Solution

Date	28 September 2022
Team ID	PNT2022TMID15779
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Project Name	Developing A Flight Delay Prediction Model Using Machine Learning
Maximum Marks	2 Marks

Proposed Solution:

S. No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	To develop a Flight delay prediction model using machine Learning.
2.	Idea / Solution description	We use deep neural network and compare decision tree classifier with logistic regression.
3.	Novelty / Uniqueness	Notify users about the delay of more than 10 minutes via a notification

		through the application developed.
4.	Social Impact / Customer Satisfaction	optimize flight operations and minimize delays.
5.	Business Model (Revenue Model)	<p>With the proposed model: Identify delay and schedule our plans accordingly and know about air traffic.</p> <p>without the proposed model: flight delays lead to large economic and environmental losses.</p>
6.	Scalability of the Solution	The proposed solution can be used to identify delays based on the air traffic.