

Ideation Phase

Define the Problem Statements

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID53187 |
| Project Name | Developing a Flight Delay Prediction Model using Machine Learning |
| Maximum Marks | 2 Marks |

Problem Statement :

Over the last twenty years, air travel has been increasingly preferred among travelers, mainly because of its speed and in some cases comfort. An increase in air traffic growth has resulted in massive levels of aircraft delays on the ground and in the air. These delays are responsible for large economic and environmental losses. For both airlines and passengers, being able to anticipate a flight delay can be useful. Given that most airlines typically operate more non-delayed flights than delayed ones, this is to be expected. In order to deal that, this project trains a flight delay prediction model with the objective to predict flight delays accurately in order to optimize flight operations and minimize delays.

