

# PNT2022TMID27643

## FLIGHT DELAY PREDICTION MODEL

### 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. This has led to phenomenal growth in air traffic and on the ground. An increase in air traffic growth has also resulted in massive levels of aircraft delays on the ground and in the air. These delays are responsible for large economic and environmental losses. The main objective of the model is to predict flight delays accurately in order to optimize flight operations and minimize delays. **The flight passengers need a way to predict the delay of flight so that they can plan their work accordingly. It also helps to manage the flight operations effectively.**

### Solution Architecture:

