PROBLEM STATEMENT

TOPIC: DEVEOPING A FLIGHT DELAY PREDICTION USING MACHINE LEARNING

DOMAIN: APPLIED DATASCIENCE

1. What does the problem affect?

The delay of flight will causes

- ➢ financial losses
- ➢ the dissatisfaction of passengers
- ➢ time losses
- ➢ loss of reputation

2. What is issue?

Due to poor weather condition, some of technical problems occurred in aircraft leads the flight delay

3. What is the impact of flight delays?

Flight delays not only irritate air passengers and disrupt their schedules but also

- ➢ cause a decrease in efficiency
- ➢ an increase in capital costs
- ➢ reallocation of flight crews and aircraft
- ➢ additional crew expenses

4. What would happen if we didn't solved the problem?

The travelers feels bad about flying and she/he hates flying Due to this problem the air travelers count will decreased day by day.

5. What would happen when it is fixed?

> ➢ To increase a travelers rate.
> ➢ Customer satisfaction (saves time)
> ➢ customer knows why the flight will delayed

6. Why it is important that we fix the problem?

We need to fix the problem to improve airline operations and passenger satisfaction, which will result in a positive impact on the economy