

Problem Statement

Date	23 November 2022
Team ID	PNT2022TMID47139
Project Name	Project – Airlines Data Analytics For Aviation Industry's
Maximum Marks	2 mark

PROBLEM STATEMENT

To identify and manage many people traveling this summer, they are noticing first –hand that airlines are facing major challenges, including numerous flight cancellations and delays Who does the problem affect?

What are the boundaries of the problem?

What is the issue?

When does the issue occurs?

Where is the issue occurring?

Many people will get frustrated to sit idle in airport .Passengers who need to handle international meeting and also for some emergency purpose.

Adverse weather conditions, low ceilings, and low visibility conditions strongly influence flight delays.

Inclement weather ,such as thunderstorm ,hurricane ,or blizzard. Late arrival of the aircraft to be used for the flight from a previous flight. Maintenance problems with the aircraft.

A flight delay is when an airline flight takes off and /or lands later than its scheduled time. A cancellation occurs when the airline does not operate the flight at all for a certain reason.

The least punctual airline of all U.S. carriers was Frontier which had an average on-time arrival of 73.14 percent. Coming in just above that was JetBlue with an on-time arrival of 73.5 percent.