1. CUSTOMER SEGMENT(S)

CS

A significant issue that affects business travelers and frequent flyers is missing their flight because of inaccurate arrival and delay predictions. Many emergency patients who must go by air where

6. CUSTOMER CONSTRAINTS

CC

5. AVAILABLE SOLUTIONS

AS

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

Extract online & offline CH of BE

Instead of linear regression model we have planned to use Decision tree in our project.

Merits: the better algo makes the prediction more accurate

Demerits: flight delay brings forth time and financial loss.

2. JOBS-TO-BE-DONE / PROBLEMS

J&P

The consequence of a flight delay can be a risk, and this risk includes monetary losses, passenger displeasure, time losses, reputational damage, and strained business relationships. If an airline doesn't address this issue right away, it will lead to more issues.

Flight delays have an adverse effect on therapy.

9. PROBLEM ROOT CAUSE

intricacy and data.

RC

- Lack of or incorrect documentation
- Lack of or incorrect training

Flight delays are unavoidable, and they

significantly affect the airlines profits and losses.

In this project, a Deep Learning-based model for

predicting fight delay is proposed. A recent

technique is deep learning, utilized in the resolution of issues involving a great deal of

Lack of management committee

7. BEHAVIOUR

BE

Due to the flight's delay, the passenger loses patience and becomes a little more irate.

3. TRIGGERS

TR

Mechanical Delays, Connecting Bags, Extreme Weather, Late Arriving Aircraft, Connecting Passengers are some of the major reasons.

4. EMOTIONS: BEFORE / AFTER

EM

There are many reasons for the airplane to be delayed. To resolve this issue we have to find the potential causes and the inform the passengers about the delay in advance.

10. YOUR SOLUTION

SL

Machine learning has found itself serving many application which needs complex logical skills.

It has boomed in coming up with more accurate prediction which helps in many sectors.

8. CHANNELS of BEHAVIOUR

CH

The web application will update the info about the flight periodically in the log.

8.2 OFFLINE

8.1 ONLINE

We about to be in offline application, which shows last information about the flight



