Binary classification given data

What do they THINK AND FEEL?

what really counts
major preoccupations
worries & aspirations

Improve airline operations

Passenger satisfaction

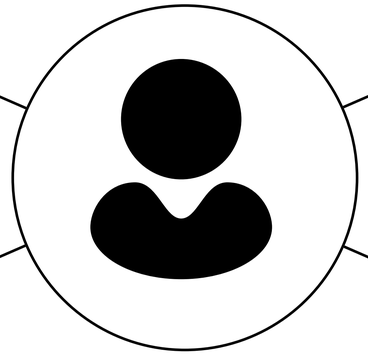
What do they HEAR?

what friends say
what boss say
what influencers say

Created an API to return the probability of delay

binary classification problem that usesgiven data to predict

Low-cost airlines are more likely to have delays



Machine Learning (ML) Algorithms

domestic flights, they can't keep you on the plane for more than three hour

surge in demand

What do they SEE?

environment
friends
what the market offers

predicting flight delay based on Deep Learning (DL)

the delay of downstream

What do they SAY AND DO?

attitude in public
appearance
behavior towards others

Machine learning is widely used in flight delay prediction

PAIN

fears
frustrations
obstacles

flight arrival time at the block-off moment

Logistic Regression

Predictive maintenance

GAIN

"wants" / needs
measures of success
obstacles

allows researchers to handle large quantities of flight data for storing and processing.

Flight delays often create exasperation in airports when not properly mobilized

On-time performance of flights.