Template

Brainstorm & idea prioritization

Optimizing Flight Booking Descision Through Machine learning price Prediction

Type your paragraph...

Type your paragraph...

Type your paragraph...

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Before Collaborate

A **Team gathering**

Totally four participation are the in the session. we invite members to mural link and gater in session.

B **Set the goal**

This project aim to compare the peformance of machine learning classification algorithm when predicting flight price

C **Learn how to use the facilitation tools**

certainly, facilitation tools can be very helpful for guiding group discussions,brainstorming sessions or decision making processes.

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1

Problem Statement

1. Optimizing flight booking decision system the flight price will be predicted the customer benefit.

2. This project will be helpful to people who work frequently travel flight will have better knowledge on best discount and right time to buy the ticket.

Type your paragraph...

3. The main objectives of this project is to find or predicted the highest price of the airline data for the given text based on certain features.

4. This project will be helpfull for airline companies for adapting suitable prices based on seasons

5. User flight price will be implementing by learning algorithm

2

Brainstorm

Here some ideas

10 minutes

Person 1

Hardware requirements are need

machine learning to analyze weather condition

predicting flight price using gradient boosting machines

Google colab can be used

Person 2

KNN algorithm is used

google colab is used to develop machine learning project

predicting flight price using reinforcement learning

Hardware requirements are 64 bit and RAM 24 GB

Person 3

time series analysis of flight

operating system are used

Decision Tree Algorithm are used

Hardware are need large data set

Person 4

Flight booking price prediction can be used

Random Forest models are used

use machine learning tp analyze weather data and predict how it may impact flight prices and availability

Hardware requirement are four-core and 25GHZ min per core

3

Group ideas

1. This project need hardware requirement 64 bit , four-core,2.5 GHz min per core and RAM 24 GB.
2. using machine learning to analyze weather data and predict how it may impact flight prices and availability

⏱ 20 minutes

3.Google colab is a powerful platform for learning and quickly developing machine learning projects in python.

4.using KNN algorithm,random forest and decision tree model and also use flight booking price prediction dataset.

5c

This project need hardware requirement 64 bit , four-core,2.5 GHz min per core and RAM 24 GB.

using machine learning to analyze weather data and predict how it may impact flight prices and availability

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4

Prioritize

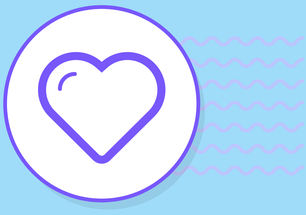
Your team should all be on the same page about what's important moving forward. Place your ideas on this grid to determine which ideas are important and which are feasible.

20 minutes

Feasibility

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

Template



Empathy map canvas

Use this framework to empathize with a customer, user, or any person who is affected by a team's work. Document and discuss your observations and note your assumptions to gain more empathy for the people you serve.

Originally created by Dave Gray at

XPLANE®

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Develop shared understanding and empathy

Type your paragraph...

WHO are we empathizing with?

Who is the person we want to understand?
What is the situation they are in?
What is their role in the situation?

Are looking for ways to predict the price of the flight in advance

people who are trying to book a flight

What do they HEAR?

What are they hearing others say?
What are they hearing from friends?
What are they hearing from colleagues?
What are they hearing second-hand?

They hear from friends and family about how they were able to save money on flights by using certain tools or websites.

They may hear conflicting advice on the best time to book a flight to get the best price

stories freom others about gettoing great deals on flights

What do they DO?

What do they do today?
What behavior have we observed?
What can we imagine them doing?

they may compare prices from different airlines and travel websites

they may be willing to pay for a flight prediction tool i

GOAL

What do they THINK and FEEL?

PAINS

What are their fears, frustrations, and anxieties?

they may feel overwhelmed by the amount of information available and unsure about which sources to trust

they may feel anxious about the cost of the flight and want to save as much money as possible

GAINS

What are their wants, needs, hopes, and dreams?

They want to feel confident that they are making the right choice when booking a flight

they want to save money on their flight and feel good about getting a good deal

What other thoughts and feelings might influence their behavior?

Effective management of flight price requirement consideration of these emotions and motivation

stress and pressure caused by high demand and tight schedules

if they believe it will help them save money

What do they need to DO?

What do they need to do differently?
What job(s) do they want or need to get done?
What decision(s) do they need to make?
How will we know they were successful?

set up price alerts for their desired flight

search for flight prices on multiple websites

They see a lot of different prices for the same flight from different airlines and travel websites

they may see advertisements for flight prediction tools or services

What do they SEE?

What do they see in the marketplace?
What do they see in their immediate environment?
What do they see others saying and doing?
What are they watching and reading?

What do they SAY?

What have we heard them say?
What can we magine them saying?

they may ask friends or family for advice on the beat way to book a flight

"I wish I knew if i'm getting a good deal on this flight"

They may search online for information on flight prices and prediction tools