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®

Share template feedback

Develop shared understanding and empathy

Summarize the data you have gathered related to the people that are impacted by your work. It will help you generate ideas, prioritize features, or discuss decisions.

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?

1.Flight price prediction project using the machine learning algorithms to predict the accurate price prediction for users.

2.Airline companies use complex algorithms to calculate flight prices given various conditions present at that particular time. These methods take historical trends and various social factors into account to predict price.

3.predicting flight prices can be challenging due to the numerous factors that can impact ticket prices such as seasonality, supply and demand, competition, fuelprices, weather conditions, and more.

4.To create a successful prediction model,one needs to collect and analyze data from various sources such as airline websites, travel booking sites, and online travel agencies.

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?

person 1: Analyze historigal flight data to identify trends and patterns that can help you predict future prices.

person 1: Use real-time data to provide users with up -to -date information on flight prices.

person 2: provide users with price alters when flight prices drop below a certain threshold.

person 2: Analyze seasonal trends in flight prices to provide users with insights into the best times to book flights.

person 3: Use data on destination popularity to predict future demand and adjust prices accordingly.

person 3: Analyze competitor pricing data to identify opportunities to offer to offer more competitive prices.

person 4: Incorporate data on loyalty programs to provide users with personalized recommendations based on their loyalty status.

person 4: Use machine learning algorithms to optimize prices based on factors such as demand,competition,and user preferences.

What do they THINK and FEEL?

PAINS

What are their fears, frustrations, and anxieties?

Analyzing large datasets can be computationally intensive,and it's import to have sufficient computing power to handle the task.

Accurate flight price predictions rely on high-quality data,and there can be anxiety arround the quality of the data used in the model.

GAINS

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

Accurate price predictions can help to reduce uncertainty and stress for travelers, leading to a better overall customer experience.

By automating the process of predicting flight prices,companies can reduce the time and resources required to manage pricing strategies.

GOAL

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?

Airlines and travel companies always looking for ways to optimize their pricing strategies to maxmize revenue.

flight price prediction project can help to identify opportunities adjust prices based on market trends and consumer behaviour.

The number of airlines operating system on a particular route and their pricing strategies can all have an impact on flight prices.

Data on consumer behavior such as search and booking patterns can be used to identify trends and predict future demand

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?

our model has been validated and tesed using historical data,and we are confident that it can provide reliable predictions of future flight prices.

our project focused on enhancing the customer experience by reducing uncertainty and stress for travelers and providing them with the best prices possible.

What other thoughts and feelings might influence their behavior?

The time of year can have a big impact on flight prices,with peak travel seasons like summer and holidays generally being more expensive.

The cost of fuel can affect airline costs and may be reflected in ticket prices.

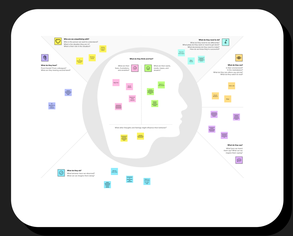
What do they DO?

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

flight price prediction project is to collect data on historical flight prices,market trends,and other variables that may influence flight prices.

once the data is collected,it must be cleaned and preprocessed to ensure that it is accurate and ready for analysis.

flight price prediction project involves a combination of data collection, machine learning,and software engineering to develop models that can predict future flight prices.



Need some inspiration?

See a finished version of this template to kickstart your work.

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