Template

Optimizing Flight Booking Decisions and Price Predictions

Flight Planning is one of the challenges in industrial world which faces many uncertain conditions.Delays in departure can occur due to bad weather conditons,seasonal and holiday demands,airline policies,technical issue such as problems in airport facilities,luggage handling and mechanical apparatus and accumulation of delays from preceding flights.

10 minutes to prepare
1 hour to collaborate
2-8 people recommended

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We are from the group

A Team leaders sign in mural account through our usrname and mail id.Team leader sharing a inviting workspace link through the mail id in our team members and our team members join our workspace.

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

Define your problem statement

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

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

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

This project wi ine companies for adabting suital n seasons.

User flight pric ting by machinelearning algorithm.

PROBLEM

Type your paragraph...

Key rules of brainstorming

To run an smooth and productive session

- Stay in topic.
- Defer judgment.
- Go for volume.
- Encourage wild ideas.
- Listen to others.
- If possible, be visual.

2

Brainstorm

Write down any ideas that come to mind that address your problem statement.

10 minutes

TIP

You can select a sticky note and hit the pencil [switch to sketch] icon to start drawing!

Person 1

- flight price will be known all passangers.
- We know increase/ decrease price
- We know about flight route.
- We predict the price for seasons.

Person 2

- Machine learning use historical data as input to predic new output values
- Flight Price Prediction using KNN,Decision Tree,forest algorithm
- They will increase/ decrease the price when people travel more
- they price will be known all passangers and predict their price

Person 3

- run web application
- Air line
- eparture date
- project documentation

Person 4

- cost information gather
- time saving
- change price time duration
- airline communications

Person 5

Person 6

Person 7

Person 8

3

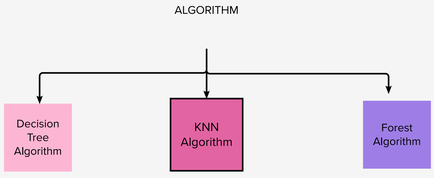
Group ideas

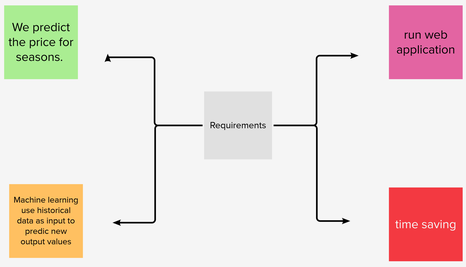
- Recurrent neural networks
- Machine learning use hierachical data as input to predict new output values.
- Times Saving
- We predicted the price for seasons
- Flight prediction using KNN Algorithms,Forest Algorithm,Decision Tree Algorithm

20 minutes

TIP

Add customizable tags to sticky notes to make it easier to find, browse, organize, and categorize important ideas as themes within your mural.





Importance

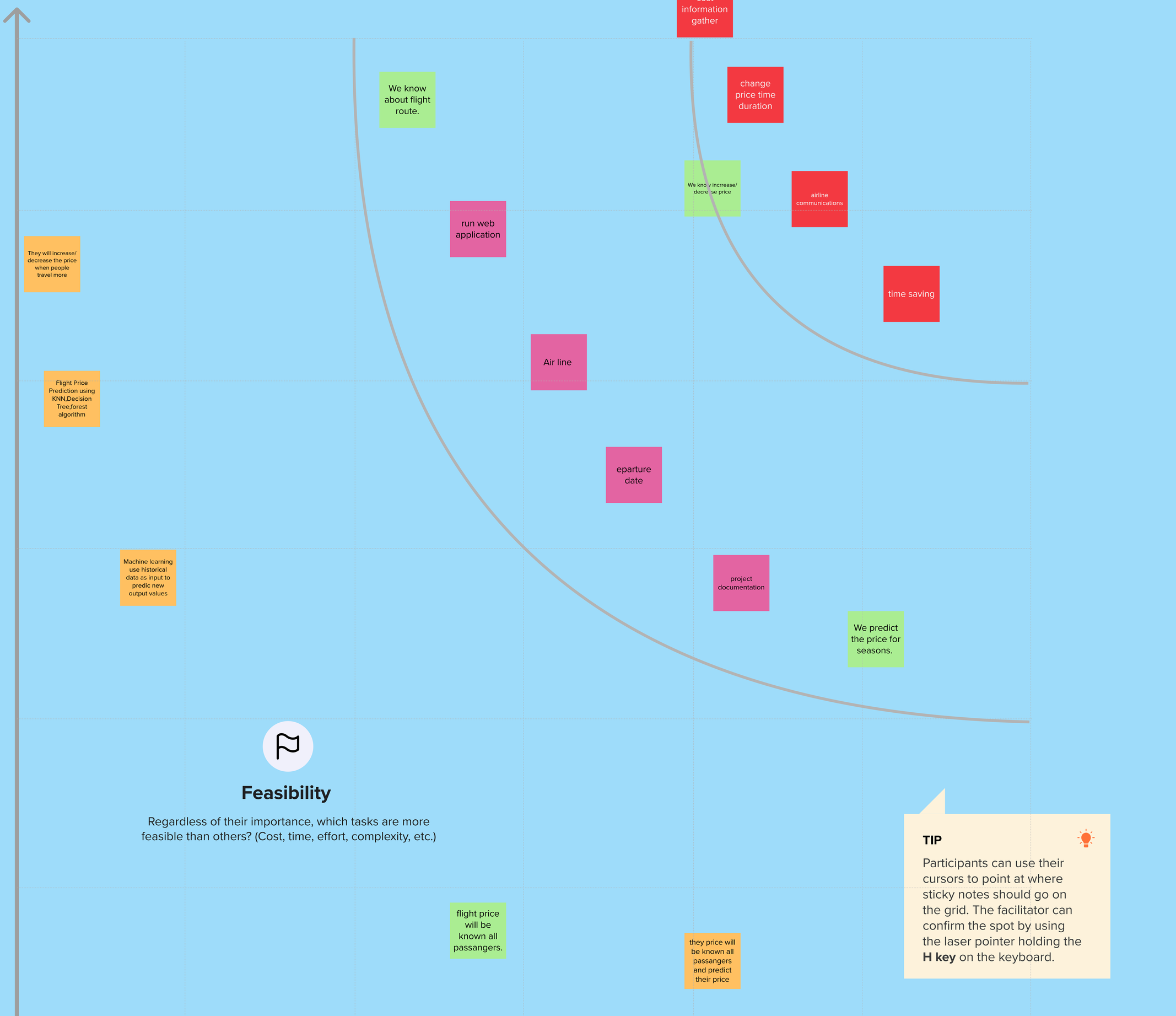
If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

4

Prioritize

.

20 minutes



Feasibility

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

TIP

Participants can use their cursors to point at where sticky notes should go on the grid. The facilitator can confirm the spot by using the laser pointer holding the **H key** on the keyboard.

After you collaborate

We can export the mural as pdf to share.
It is helpful to getting information.

Quick add-ons

A **Share the mural**
Share a view link to the mural with stakeholders to keep them in the loop about the outcomes of the session.

B **Export the mural**
Export a copy of the mural as a PNG or PDF to attach to emails, include in slides, or save in your drive.

Keep moving forward

Strategy blueprint
Define the components of a new idea or strategy.

Open the template →

Customer experience journey map
Understand customer needs, motivations, and obstacles for an experience.

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Strengths, weaknesses, opportunities & threats
Identify strengths, weaknesses, opportunities, and threats (SWOT) to develop a plan.

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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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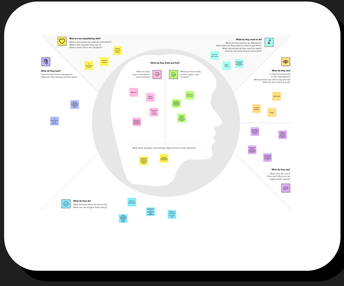

Need some inspiration?

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

Open example →

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?

We are empathizing with sarah, a marketing manager who is looking to find the best flight deals for business trips and personal travel.

Spending too much time searching for the best flights deals.

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?

Booking flight that offer good valuue for money

Keep track of theri flight itineraries and travel plans

Websites and mobile apps for airlines and travel booking platforms

Reviews and ratings of airline and travel booking platdforms on social media and review sites.

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?

Advice and tips from travel expert and bloggers

Ads and promotions for varous airline and travel booking platform

News and media reports about the latest development in the travel industry

What do they THINK and FEEL?

PAINS

What are their fears, frustrations, and anxieties?

Missing out on deals because of lack of awareness

Booking flights that dont meet my travel needs of preference

Frustrated when i cant find good flight deals

Anxious about missing out on deals

GAINS

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

Finding good flight deals that save me money

Enjoying a comfortable travel experience

What other thoughts and feelings might influence their behavior?

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?

I need to find the best flight deals for my business tripsand personal travel.

I spend so much time searching for the best deals,and i often miss out on deals because i'm not aware of them.

What do they DO?

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

Searches for flight deals on varoius online travel booking platform

Conducts thorough research on flight routes,airlines, and travel dates

Looks for flight deals that ofter good value for money