

Ideation Phase


Brainstorm&Idea Prioritization

Date	19 September 2022
Team ID	PNT2022TMID13684
Project Name	Analytics for hospital's health-care data
Maximum Marks	4 Marks

Brainstorm & Idea Prioritization:




Step-1: Team Gathering, Collaboration and Select the Problem Statement

Template




Brainstorm & idea prioritization

Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.


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

[Share template feedback](#)



Before you collaborate

A little bit of preparation goes a long way with this session. Here's what you need to do to get going.

 10 minutes

A

Team gathering

Define who should participate in the session and send an invite. Share relevant information or pre-work ahead.

B


Set the goal

Think about the problem you'll be focusing on solving in the brainstorming session.

C

Learn how to use the facilitation tools


Use the Facilitation Superpowers to run a happy and productive session.

[Open article](#) 

1

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will be the focus of your brainstorm.

 5 minutes

PROBLEM
PROBLEM
STATEMENT

Recent Covid-19 Pandemic has raised alarms over one of the most overlooked areas to focus: Healthcare

Management. While healthcare management has various use cases for using data science, patient length of stay is one critical parameter to observe and predict if one wants to improve the efficiency of the healthcare management in a hospital.

This parameter helps hospitals to identify patients of high LOS-risk (patients who will stay longer) at the time of admission. Once identified, patients with high LOS risk can have their treatment plan optimized to minimize LOS and lower the chance of staff/visitor infection. Also, prior knowledge of LOS can aid in logistics such as room and bed allocation planning.

Suppose you have been hired as Data Scientist of Health Man - a not for profit organization dedicated to manage the functioning of Hospitals in a professional and optimal manner.

The goal is to accurately predict the Length of Stay for each patient on case by case basis so that the Hospitals can use this information for optimal resource allocation and better functioning. The length of stay is divided into 11 different classes ranging from 0-10 days to more than 100 days.

Step-2: Brainstorm, Idea Listing and Grouping

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!

NAVENDARAN V A

<p>giving Health Information For Today's Planning</p>	<p>developing new systems to effect different policies in insurance</p>	<p>increase privacy</p>
<p>Internet Communications that work</p>	<p>An authorized user controls access to the data to prevent data pirating</p>	<p>reduce cost</p>
<p>The techniques should be affordable and simple to use</p>	<p>The use of data must be limited to real-time monitoring and updating</p>	<p>People can store more data on smaller devices and use them to share data with others</p>

KAVIYARASAN P

<p>To be structured</p> <p>data</p>	<p>to detect any gap for additional data</p>	<p>to identify areas for further investigation to identify areas for further investigation</p>
<p>The methods described are used efficient and easy to operate</p>	<p>to identify a general trend or trend in structure with analysis</p>	<p>to identify a general trend or trend in structure with analysis</p>
<p>Methods can avoid leading to misinterpretation of data and misinterpretation of data</p>	<p>to identify a general trend or trend in structure with analysis</p>	<p>Effective Internal Communication</p>

MANOJ D

<p>Immunize people to prevent the spread of infectious diseases</p>	<p>Reduce usage of antibiotics to help combat the growth of human-induced</p>	<p>Young people should be made aware of the importance of vaccination</p>
<p>Prevent the spread of zoonotic diseases</p>	<p>Improve hygiene and food safety practices to reduce the spread of zoonotic diseases</p>	<p>Full the needs of the Staffs</p>
<p>Use traditional and modern medicine to provide the best possible care</p>	<p>Reduce the number of people who are infected with zoonotic diseases</p>	<p>Expand Hospital Capacity</p>

MANOJ R


complete the needs of the staff	It comes with strong leadership, living from commitments in agent situations	Regular computer maintenance is necessary to prevent other problems
Creating your people into the knowledge	Some roles may be changed in the future to accommodate the needs of customers	Remember that the most important thing is to make sure that the people who are working for you are happy and motivated
starting huge datasets in a public cloud	Hybrid words in addition, such as the availability of leads in the present	Research for Professionals

3

Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. Once all sticky notes have been grouped, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you can break it up into smaller sub-groups.

🕒 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.

Data and Dataset

Utilizing Health Data To Guide Strategic Planning

Health information should be kept and made public.

You can manage very large datasets with use of Cloud.

For data analysis, it should be possible to clean without prior training, which requires a lot of time and money.

For data analysis, it should be possible to do so without prior training, which requires a lot of time and money.

Cost

Both patients and clinicians may avoid standing in line and wasting time on pointless consultations and examinations.

"This online member
 listing can be accessed
 by a valid telephone
 number or e-mail address
 and is available to all
 members in the
 United States and
 Canada. It is a
 free service to all
 members and is
 available to all
 members in the
 United States and
 Canada."

<p>wards for Accidents</p>	<p>Performance bonuses may be often awarded.</p>
----------------------------	--------------------------------------------------

Privacy

utilizing analytics technology to monitor supply chain performance (90%) and make precise data-driven decisions about operations.

order to protect the privacy of the data, scores require a valid user credential.

Internal Operations

Users may be provided with appropriate instructions and processes.

Can employ various individuals with fundamental knowledge

The owner wants
first call the owner
to generate interest
can be achieved
using phone call

Cloud

storing huge datasets in a public cloud

data
and
re
and
)

Awareness

Young people should be made aware of the importance of blood donation

Step-3: Idea Prioritization

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

