Unnamed area

Advanced Data Science

Detecting Parkinson's Disease using Machine Learning

Brainstorm & idea prioritization

Ideation phase

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

Designed by:
Vasanth P (TL)
Sandheep R
Shanthiya S
Rohith D

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

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

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

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
To build a web application that is powered with machine learning for detecting Parkinson's disease

Key rules of brainstorming

To run an smooth and productive session

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

2 Brainstorm

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

10 minutes

Vasanth P(Team Leader) — My view
- Preparing the dataset and extract features for detection
- Data preprocessing and cleaning
- Classification of features
- Model building and evaluation
- Build the front end - web page using flask, HTML, CSS, JS
- Connect model with the web application
- Deploy the application on cloud

Sandheep R — My suggestion
- Linear Sp in data prediction
- Data preprocessing and cleaning
- Build the front end - web page using flask, HTML, CSS, JS
- Connect model with the web application
- Deploy the application on cloud

Shanthiya S — My point
- It is equipped with latest AI techniques
- Linear Sp in data prediction
- Data preprocessing and cleaning
- Build the front end - web page using flask, HTML, CSS, JS
- Connect model with the web application
- Deploy the application on cloud

Rohith D — My turn
- Preparing the dataset and extract features for detection
- Classification of features
- Model building and evaluation
- Build the front end - web page using flask, HTML, CSS, JS
- Connect model with the web application
- Deploy the application on cloud

Person 5 | Person 6 | Person 7 | Person 8

3 Group ideas

Take turns sharing your ideas while clustering similar or related notes as you go. In the last 10 minutes, give each cluster a sentence-like label. If a cluster is bigger than six sticky notes, try and see if you and break it up into smaller sub-groups.

20 minutes

Accuracy and user assistant
- Preparing the dataset and extract features for detection
- Classification of features
- Model building and evaluation
- Build the front end - web page using flask, HTML, CSS, JS
- Connect model with the web application
- Deploy the application on cloud

Privacy handler
- Cloud computing and storing data
- Encryption and decryption
- Data processing and storing
- Confidential results for the patients
- Encryption and decryption

Positive result
- Preparing the dataset and extract features for detection
- Classification of features
- Model building and evaluation
- Build the front end - web page using flask, HTML, CSS, JS
- Connect model with the web application
- Deploy the application on cloud

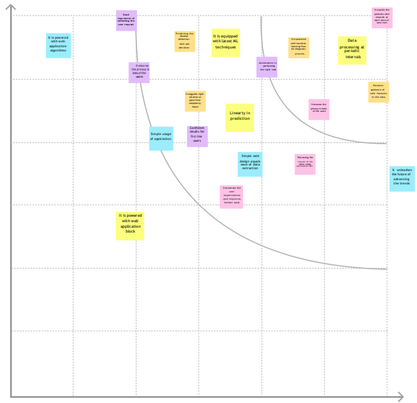
Future tech usage
- It is equipped with latest AI techniques
- It is powered with web application block
- Linear Sp in prediction
- Data preprocessing and cleaning

Method data
- It is powered with web application block
- It is equipped with latest AI techniques
- Simple web design of input and output of data extraction
- Simple web design of input and output of data extraction

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



After you collaborate

You can export the mural as an image or pdf to share with members of your company who might find it helpful.

Quick add-ons

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

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.

Open the template

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

Open the tem

Share template feedback

Need some inspiration?
See a finished version of this template to kickstart your work.

Open an example