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

How might we detect Parkinson's Disease using Machine Learning?

2

Brainstorm

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

10 minutes

Alahari Aryan

- Should look into the research papers available.
- List down the suitable ML and DL models.
- Shouldn't consider the accuracy alone, but consider the feasibility also.
- Speak with experienced doctors in the field.

Issac Shelton J

- Need to data mine precisely.
- Should use the old and new data sets combined.
- Should deep dive into related topics.
- Should meet up with the end users.

P Krishna Vamsi

- Look into the pre-existing solutions.
- Comparing and finding the efficient solutions used previously.
- Must use combinations of multiple data sets.
- The final prediction must have all the details, the individuals need to know.

Rohith Narayanan S

- Look into the technical papers.
- Should meet up with experts in the field.
- Should consider cross validation methods, while selecting the methods.
- Should consider on multiple algorithms from different sources.

3

Prioritized Ideas

Considering all the 16 approaches best 3 of them are listed below.

5 minutes

- Comparing and finding the efficient solutions used previously.
- Should use the old and new data sets combined.
- Should consider on multiple algorithms from different sources.

4

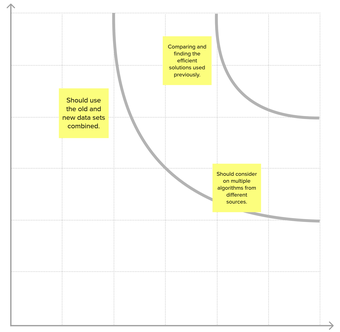
Prioritize

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

Importance

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



Feasibility

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