

Define your problem statement

What problem are you trying to solve? Frame your problem as a How Might We statement. This will

focus of your brainstorm.

① 5 minutes

PROBLEM Crop Yielding Estimation is determined by many factors like weather natural disasters which are not controlled by

Even with the data of and climate reports it is impossible to determine outcome of nature with 100% accuracy.

The Estimation Program made available to all the farmers to help in theri production either as a free

PROBLEM

The Crops Estimation

Software must reach

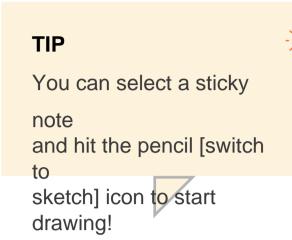
farmers and it must be

understandable and to



Brainstorm

Write down any ideas that come to that address your problem statement tes



DINESH KUMAR M

We can Collect historical Data about

the weather and climate.

We can visualize the data collected regarding the project using cognos Analytics.

PREM KUMAR S

With the

vitrualized

data we can

generate the

we can

the about production past years

We can

collect

The Virtualized data can be represented in form of dashboard to access many categories at

LOKESH KUMAR N

The user friendly or application can be created for the farmers to access it. The marketing campaign must established to advertize the website or application to

consumers.

ABILESH M

of data reports will be eficient way

Summarization

reports from understand IBM cognos **Using python** be used to develop analyse and a program to explore the analyse the data of the data given.

The identification of patterns

trends can be obtained from the data analysis.

The machine learning and data science can be used the predictive Analysis.

predict the future outcome. The estimation of crops should be displayed dashboard form for

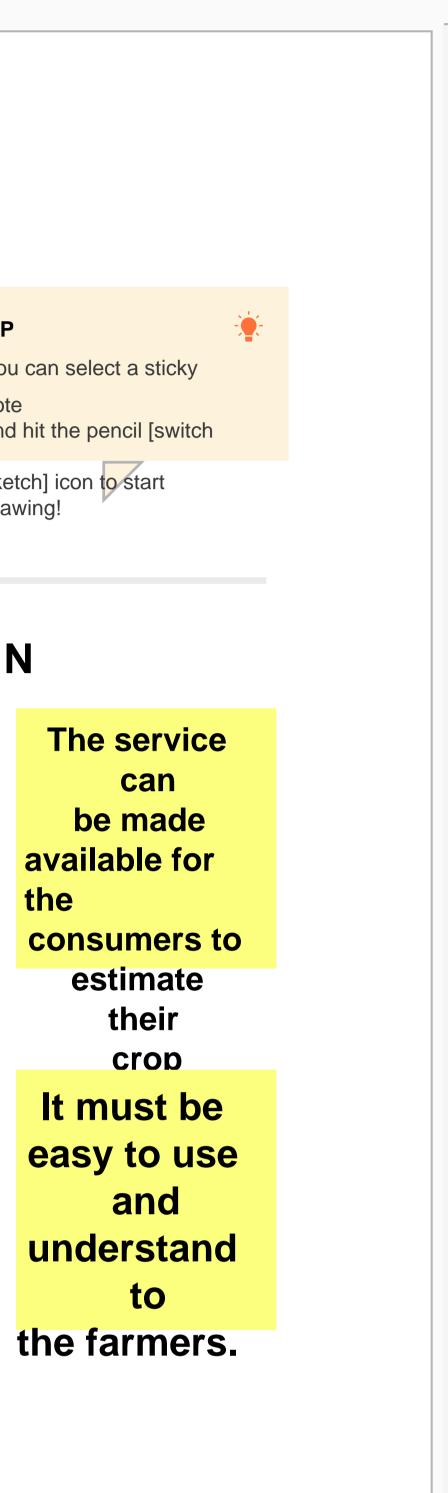
understanding.

The patterns

predictive

analysis to

are used for



Group ideas

The ideas are collected individually and grouped together.

This is a text box...

THE IBM COGNOS ANALYTICS CAN BE **USED TO ANALYSE** THE DATA ABOUT CROP PRODCUTION.

THE DATA MUST VISUALIZED FOR **BETTER** UNDERSTANDING

THE VISUALIZED

THE PATTERNS AND TRENDS OF THE DATA SHOULD BE IDENTIFIED.

PREDICTIVE

ANALYSIS OF THE

USING MACHINE

LEARNING AND

PYTHON.

DATA MUST BE

DONE

DATA MUST BE REPRESENTED AS A DASHBOARD FOR **EASY ACCESS**



Prioritize

Your team should all be on the same page about what's moving forward. Place your ideas on this grid to determine Reas which are feasible.

PROFIT FOR THE PATTERNS **FARMER** TRENDS OF THE DATA SHOULD BE THE IBM COGNOS IDENTIFIED. ANALYTICS CAN BE **USED TO ANALYSE** THE DATA ABOUT PRODCUTION. **Importance** tasks could get THE VISUALIZED done without any **DATA MUST BE** dificulty or cost, which would have REPRESENTED the most positive DASHBOARD FOR **EASY ACCESS** THEN THE ESTIMATION OF CROPS **PRODUCTION MUST BE DISPLAYED USING WEBSITE OR** APPLICATION.



Feasibility Regardless of their importance, which tasks are

more feasible than others? (Cost, time, effort,