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

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

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

PROBLEM

The Crops Estimation Software must reach all the farmers and it must be user friendly for easy understandable and to use.

The Estimation Program must made available to all the farmers to help in theri crop production either as a free service or with affordable prices

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!

DINESH KUMAR M

We can Collect the historical Data about the weather and climate.

We can collect the about crop production in past years of

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

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

LOKESH KUMAR N

The user friendly website or application can be created for the farmers to access it.

The service can be made available for the consumers to estimate their crop

The marketing campaign must be established to advertize the website or application to consumers.

It must be easy to use and understand to the farmers.

PREM KUMAR S

With the vitrualized data we can generate the reports from it.

Summarization of data using reports will be eficient way to understand the

Using python we can develop a program to analyse the data given.

IBM cognos can be used to analyse and explore the data of the crops.

ABILESH M

The identification of patterns and trends can be obtained from the data analysis.

The patterns are used for the predictive analysis to predict the future outcome.

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

The estimation of crops should be displayed in the dashboard form for easy understanding.

3

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 BE VISUALIZED FOR BETTER UNDERSTANDING

THE PATTERNS AND TRENDS OF THE DATA SHOULD BE IDENTIFIED.

THE VISUALIZED DATA MUST BE REPRESENTED AS A DASHBOARD FOR A EASY ACCESS

PREDICTIVE ANALYSIS OF THE DATA MUST BE DONE USING MACHINE LEARNING AND PYTHON.

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