

# PROBLEM STATEMENT CREATION

(Estimate the crop yield using data analytics)

## GENERAL FORMAT:

*“\_\_\_\_\_ is a \_\_\_\_\_ who needs a way to \_\_\_\_\_ so that \_\_\_\_\_”*

## PROBLEM STATEMENT 1:

"The crop production in India is a important source of income and india is one of the top countries to produce the crops and farmers are unable to predict their crop yield who needs a way to estime the crop yield".

### Five W's for problem statement:

QUESTION	DESCRIPTION
<b>WHO</b> does the problem affect?	The problem affects the farmers who are unable to predict their yield of their field.
<b>WHAT</b> are the issues and boundaries of the problem?	The issue of the problem is that dui to climatic changes and soil type there are changes in the yield of the crops every year and various factors are the crop growth by it means.
<b>WHEN</b> does the issue occur?	The issue occurs when the farmers are unable to determine their crop yield outcomes and the changes in the climate, soil due to pollution and global warming.

<b>WHERE</b> is the issue occurring?	The issue occurs mainly in India and rest of the world, where there is a need to predict their yield.
<b>WHY</b> is it important that we fix the problem	It allows all the farmers to analyse and visualize their own yields of their crops and fields. The farmers can use this information to plant new crop for better yield depending on their environment.