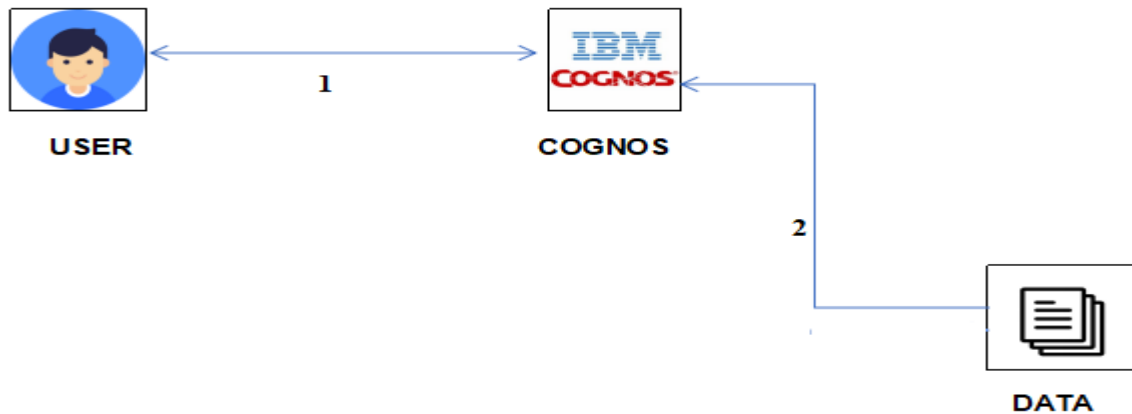


# PROBLEM STATEMENT

Crop production in India is one of the most important sources of income and India is one of the top countries to produce crops. As per this project, we will be analyzing some important visualization, and creating a dashboard and by going through these we will get most of the insights into Crop production in India.

## Technical Architecture:



Ms. Shalini is a farmer with acres of land. She is trying to reap maximum benefit out of the yield but she can't decide what to grow and when to grow because she is uncertain of the environmental conditions in that region and is unaware of what crop to choose. She needs a way to estimate the crop yield of the region.

## Effects of the problem:

- It negatively affects the farmers' income
- It affects the country's economy
- It affects the people who are dependent on the crop yield for food

## Solution:

- A system is introduced to analyze and estimate the crop yield in a particular area and in a particular climatic condition
- Data analytics can be used to study the previous crop yields according to the climatic conditions and region.