**DATA ANALYTICS PROCESS**

***PROJECT – 1***

Data Analytics plays a major role in our day to day life. A person with zero knowledge in data analytics is also used this analysis process in his/her daily tasks.

Considering the 6 step process used by the data analysis experts in decision making process,

Imagining myself as a farmer, who wants to sow a crop in my field that suits in the available conditions, so I decided to make a plan for all the process from beginning to end, here the data analysis process is the key factor that takes place in this entire process.

Here the farmer wants to try a multi-cropping technique, this time he is planning to improve his crop yield and profits during harvesting,

So in my view the 6 steps of data analysis process helps the farmer in the following ways:

1. **Plan**

The first in this process, here the farmer will plan on his most needed requirements, like the machinery required, type of seeds for sowing, suitable fertilizers and soil conditions etc…

1. **Prepare**

The farmer then thinks about how much money he would invest to by all the required materials for the field work, and also thinks about the multi-cropping technique in a same piece of land that brings him more profits in a year.

1. **Process**

Here the farmer will decide to proceed according to the availability of resources and the change in climatic conditions that suits for multi-cropping process to grow more efficiently. The farmer will identify crops that are compatible in terms of growth requirements, such as sunlight, water, soil type and nutrients needed.

1. **Analyze**

Here he is going to analyze the situations that he will face during the crop. Like the crop combinations that bring more profits without much investment, Farmer will get clear understanding of the growing patterns of each crop in the multi-cropping system. He will analyze the factors such as planting time, sustainability and soil health, growth rate and duration of each crop's lifecycle.

1. **Share**

Here the farmer will face any difficulties in his plans; He will share his thoughts and ideas to an agriculture expert (or) to fellow farmers to seek better suggestions in implementing the multi-cropping techniques.

1. **Act**

By knowing all the steps in implementing the multi-cropping techniques, Farmer will now ready to sow the crop in his field.

**Conclusion:** So these are 6 data analysis steps that a farmer is going to use in his work without having a basic idea on data analytics. So we can consider this situation as real-time example that we use 6 steps of data analysis on daily basis.