

PROJECT DESCRIPTION

Real world examples where we use data analytics. The real-world examples in turn help understand and visualize the data analysis process better.

Example 01

Setting up a house garden.

Plan

We first decide which things are necessary for me to setting up a house garden; the soil, the water, the sun, and the plants.

Prepare

Next, I need to check what is my budget and how to arrange the money to make that budget.

Process

Then I need to decide what I want from the data, the data being plants. I need to check where my interests lie is it more towards getting a plant that will grow into a big tree or is it towards small flowering plants.

Analyse

Now I analyse the process, if I have decided to go with small flowering plants, I need to decide what is the correct choice for a flowering plant based upon the resources I can provide; the water, the sunlight, and the fertility of the soil.

Share

Next, I communicate my idea to someone more experienced in this field he/she can be a friend or even a gardener I would hire, if that fits into my budget and find out if they agree with my choice or not.

Act

Then I finally start working towards it.

Example 02

After completing our matriculate education i.e., completing our grade 10; we start deciding on what to pursue further. The decision is based upon our interests but also the fact that what is trending in the job market.

Plan

I first decide which things are necessary for me to get into an undergraduate program.

Prepare

Next, I need to check what is my budget and how to arrange the money, all these decisions will be taken with the help of my parents.

Process

Then I need to check where my interests lie is it more towards the science domain or am I more maths inclined; in short deciding which stream I would like to pursue is it Commerce, Humanities or Science.

Analyse

Now if I have decided to take up Science, I need to decide what is the most in demand stream inside engineering that I would like to aim; for example, I aimed to get into a Computer Science program because of its increasing demand and because the future is technology.

Share

Then I communicate my idea to my parents, my counsellor at school and by sharing gain their perspective on my decision and find out if they agree with me or not.

Act

Then I finally start working towards it.