**1.What is the problem statement of this internship?**

We will be using pipeline Convolutional Neural Networkbased model to detect disease and classify it . We will use Kaggle dataset containing images of leaves of various crops like apple, cherry etc.

It must detect whether a plant is diseased or healthy. This is highly relevant to social issues, as crop failure is extremely saddening for farmers.

**2.What is pipeline?**

Pipeline refers to the structured flow of data through different layers and processing steps to achieve a desired output.

->Enhancing image quality, resizing, normalizing pixel values, and removing noise.

-> Using convolutional layers to detect edges, textures, and key disease markers.

**->**Fully connected layers determine whether the plant is healthy or diseased.