**WEEK 1 ASSIGNMENT**

**What is DL?**

DL could be termed as Deep learning. Which means making the model work like a human and act as a human being which trains on the given data.

**What is neural network and its Types?**

A neural network could be a network which communicates with other nodes to send data to the nodes connected and responds to it.

The types of Neural networks are :

1. Reccurent Nueral Networks

2. Convolutional Nueral Networks

**What is CNN?**

CNN stands for Convolutional Neural Networks. Which means it can be implemented in Deep learning in ML models where they can be trained using images while conventional RNN uses datasets.

**Pipeline of Project**

The project pipeline consists of 4 stages :

Data Collection and Loading : Where the Dataset is loaded.

Image Processing/ Image augmentation: The Images are processed such that they can be analyzed easily

Build CNN: Building a neural network which is capable of generating actual prediction using trained models

Test and Evaluate : Test and Evaluate the model.