**1.What is DL**

Deep learning is a subset of machine learning that uses Artificial Neural Network with many layers to automatically learn representations and patterns from large amount of data.

**2.What is Neural Network and its types**

A Neural Network is a computational model inspired by the human brain.it consist of interconnected units called neurons it’s organized in layers, that process the data.

* Convolution Neural Network (CNN)
* Recurrent Neural Network (RNN)

**3.What is CNN**

Convolutional Neural Network is a type of deep learning algorithm. The main work of CNN is to automatically extract features from input data and use those features to perform tasks like classification, detection, or segmentation.

**4.Pipeline**

In the context of Convolutional Neural Networks (CNNs), a pipeline refers to the sequential flow of data through different stages of the network to extract features and perform classification or regression tasks. The pipeline typically begins with input data (like an image) which passes through a series of layers such as convolutional layers, activation functions, pooling layers (like max pooling), and then fully connected layers. Convolutional layers extract spatial features, pooling layers reduce dimensionality and computation, and fully connected layers interpret the learned features to produce the final output.