

# ASSIGNMENT:1

**Q.1: How and where is facebook using Machine Learning to improve user experience?**

**ANS:** Machine Learning is necessary to facebook. It helps systems learn through algorithms and give specific outputs for future predictions. Facebook can also tell about a person is Happy or Sad or she or he is standing or sitting or even any other type of activity can easily be distinguished with the help of ML.

There are many applications of facebook using machine learning:

- Facial recognition
- Textual analysis
- Targeted advertising
- Language translation
- News feed

**Q.2: How do you think deep learning can change the world and do wonders?**

**ANS:** Deep learning is a technique of machine learning. It tells computers to do what comes naturally to humans. It works on the principle of human brain. DL is a main technology behind driverless cars, and some other like that things. Deep learning has been shown to produce competitive results in medical application such as cancer cell classification, lesion detection, organ segmentation and image enhancement. Image recognition, visual art processing, medical image analysis, mobile advertising, etc. are the wonders of deep learning.

**Q.3: What is your dream AI project that can become into reality and can have a commercial value. Justify your answer.**

**ANS:** My dream AI project is about health sector. As we know that in last few months there were some issues in the water, those issues were bacterias and germs which caused death of many people. So basically my aim is to develop or construct some kind of detecting machine using artificial intelligence to detect the germs and bacterias in the water before supplying it to the people and I hope that this may save many lives!