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Machine Learning course(Batch 3)

ASSIGNMENT NO:1

Q1: How and where is Facebook using machine learning to improve user experience?

Facebook uses machine learning to improve user experience in many ways. Some of them are as follows:

Advertisement:

By use of machine learning, it goes through our data and shows relevant ads according to our recent activity

People you may know:

It is also used to show people you may know list. It uses our recent facebook searches and friends as well as whatsapp contacts and shows the list of people

Language translator:

Language translator is another application of machine learning. In Facebook you can translate a post into some other languages.

Q2: How do you think deep learning can change the world and do wonders?

Deep learning is a further subset of machine learning. it has the capability to learn more complex data by itself

Deep learning is taking technology to the whole next level by making it as smart as human brain. It is now being used in every field let it be education, health etc. Today through this technology, cancer and other disease can be detected with up to ninety percent accuracy and in the coming years it will become more accurate .The main feature of deep learning is its accuracy and efficiency and if we proceed in the right direction, we can achieve a lot and it is a possibility that we can build machines smarter and more accurate than humans

Q3: What is your dream AI project that can become into reality and can have a commercial value. Justify your answer.

We can use machine learning to build camera traffic cops. We can feed the data in to the algorithm so that it can learn about the traffic violations. The camera will decide if anyone has violated a signal or any other traffic rule and ticket will be issued. In this way traffic problems will be reduced.

Commercial value:

It will have a great value commercially because it will be cost effective. Moreover the judgment will be unbiased. Another main issue which is bribery will be eliminated resulting in greater amount of revenue.