

MACHINE LEARNING ASSIGNMENT 01

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Q1. How and where is Facebook using Machine Learning to improve user experience?

Facebook use machine learning in every aspect. Either you are scrolling the news feed or browsing the image or videos, you have been a part of seeing ML.

For instance, if you upload an image at Facebook with your friends, then you might get a suggestion whether you wanna tag other person or not with this image. Here you don't want to seek that person over a Facebook .of activity can easily be distinguished with the help of ML. Facebook would learn from past experience, similar images and label it giving suggestion of tagging to that particular image.

The person with whom you have talked seamlessly or go through his/her news feed regularly would always give the high priority in every aspect i.e. whether you click the chat button, likes of any post, news etc, that person would always be on the top. If someone stalks our profile or is friend our friend then it is shown in the list of people you may know.

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

Deep learning is an artificial intelligence function that imitates the workings of the human brain in processing data and creating patterns for use in decision making.

First, deep learning will improve countless products and services. Speech recognition, targeted advertising, drug discovery, and image searches are just a few of the applications.

Driverless cars will use it to analyze all of the objects in their path and prioritize one to avoid an umbrella in the road could be run over, while the car would activate the breaks when it identified a baby carriage.

The applications will expand exponentially when deep learning can be used on Smartphone and wearable devices.

Deep learning will revolutionize medical research. It will enable computers and robots to be more useful and powerful then they are now, the technology will bring them no closer than before to consciousness or to human intelligence.

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

My dream project of AI is to make electronic devices automatic in which sensor is built-in that control the device according to the condition.

For example; fan will lower or higher its speed itself according the temperature of the room, light will lower its brightness in day time and higher if room is dark, micro wave will set its temperature according to the requirement of food, washing machine will set its timer by sensor how much dirty the cloths are, TV will control its brightness according to the light in the room, fridge will control its temperature itself