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MACHINE LEARNING ASSIGMENT #01

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

Ans: At Facebook, machine learning provides many aspects of user experience such as news feed, advertisement, speech recognition, friend suggestion etc.

You may have seen that when we came up with a new Facebook account , Facebook ask you that do you like movies, dramas, science and fiction etc. Facebook ask all these questions to complete your whole profile and then display you the things you like because it cares about the thoughts you have and if you say yes about those things it will show you all the movies, drama etc related to it. You might also notice that some of the stories show up higher in your news feed and some are not even displayed to you it happens because you are in continuous contact with those peoples (close friends) so Facebook will show their stories to you, all these managing of stories, friend suggestions and advertisement etc are managed by a machine learning algorithms. It is based on several factors like your friends, your family, your location, your ideas that you interact with a lot, machine learning algorithm arrange them priorities wise for you, that's how machine learning proves beneficial for its user.

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

Ans: when we come over deep learning it is mainly related to how it can improve human living conditions, the use of robotics in our daily life like enhancement in health care's to look after the infants and old age peoples. Those jobs which cannot be pulled off by humans or there is some kind of risk of life, robots can do those impossible tasks in a very amazing manner. Robots are also used as a personal assistant in our homes and offices because companies are making such robots which can easily absorb your daily life routines, there are many more wonders of this technology like auto-transportation, innovation in our education or banking system etc.

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

Ans: For commercial use I would recommend my team to make a project which can provide a different soundtrack needed for any song keeping in view that specific song

lyrics or voice etc. If this project works we don't have to hire the piano man or guitarist or drum tracker or any music instrument handler we are paying nowadays. We just need a few peoples just to compose a song and the robot will do all the remaining work. For that we have to make our robot supervised and unsupervised learning both so we can input some of our instructions and the robot can also learn on its own.