**ANSWER THE FOLLOWING QUESTIONS**:

1. How and where is facebook using Machine Learning to improve user

experience?

* In face recognition
* If person stalks someone’s account or is friend of our friend(mutual friend) it shows in people may know.
* If we searched for something then Facebook shows it’s advertises.
* If we skip an advertise Facebook will not show that again
* Facebook shows those videos in our news feeds which we like to watch
* Facebook shows name of our that friend on the top with whom we talk most on Facebook.

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

At a very basic level, **deep learning** is a **machine learning** technique which tells computer what to do what comes to human naturally .These days deep learning is almost in every field and is spreading rapidly .Deep learning is behind drive less cars (enabling them to recognize a stop sign),computer playing different games and solving complex problems ,by the help of deep learning we can now diagnose diseases more accurately ,restore color In black and white pictures and videos ,pixel enhancing, lip reading ,weather broadcasting . deep learning is making life easier comfortable and interesting

3. 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 a robot who interact with depressed people and make them feel better ,usually depressed people don’t talk or tell anyone why they’re depressed .

These days every second person is depressed mostly teenagers so there must be a way to overcome their depression ,instead of using different medication .

Another project is to make glasses which translate from one language to the language. For example if something is written in English, person wearing those glasses will see in a Urdu or any other language they want .

It can be help full for travelers , when we travel somewhere there we see many things written in their languages which we can’t understand but if we have those glasses we can easily get what is written(I don’t know if it is possible or not )