**SHEHERYAR ZIA SIDDIQUI**

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

*Facebook is using AI in a whole lot of specifications in each of its new update. The most interesting features of AI in Facebook is that;*

* *It could learn and highlight the facial recognition of your friends, family, relatives and others in images.*
* *It separately partitions those contact messages on top who's posts you refer mostly.*
* *It could extract from other persons searches, sharing, likes and posts that if that person is happy or sad.*
* *It recognizes your web-search and displays most relevant adds on your Facebook page.*
* *It displays "People you may know" list in which you could find your friends, family, relatives and even some unknown people with whom you may have somehow interacted or may be not.*

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

*Deep Learning is a sub-set of AI which has only recently been thought of. Before as if it was necessary to instead of first extracting the data and then giving it to AI to classify it, but rather now its been discovered, why not the machine could interact with the world like a child and learn and extract data and also classify it itself and produce better output.*

*And the most best part of it is that, with more data it gets more precised and can learn more, as it could remember all of its past, present and could predict a better future.*

*So at the end it will surpass Human brains. At advance level it could predict damages that may occur after an earthquack so that you can take better precautions, it may help you to choose the best site location for your residential or commercial project in a city. It could take better decisions in companies and industries where human resources may fail. All these aspects of AI if acknowledge than one could easily understand what wonders could AI bring for us and make this world a better place to live.*

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

*Dreams are good as they force you to achieve big goals. In my case I wish to learn AI to fight AI. You must be shocked!.....Well let me explain. When there are two same gadgets at a competition, than the chances of winning for most advanced device is high. Similarly, the modern age of AI needs better and better understanding of it. And the one who's AI is most efficient is going to win.*

*There is a wide and deep sea for AI implementations in this futuristic world of today. So, choosing a single path in today's multi-optional world, I wish to decorate myself to be capable of designing an updated, fully-automatic, self decision making war robot for Pak Army.*

*Well you may criticize me but the fact is to be kept running with the Flash speed of today's world, it's quite hard for a country to keep itself safe from external threats. Today's war starts and enter your country through social media and then with highly programmed machines in battlefield. So I intend to make these highly intelligent machines which could protect our country. And that could be a part of highly commercial and defense value for our nation.*