

ASSIGNMENT NO.1

NAME:(M.OSAMA KHAN)

INSTRUCTOR NAME :HAMZA KHALID

1. How and where is facebook using machine learning to improve user experience?

Facebook uses Machine learning in every aspect. Either you are scrolling the news feed or browsing the images or videos, you have been a part of seeing Artificial Intelligence(Machine learning).

For instance, if you upload an image at Facebook with your friends, animals or simply with pretty background, then you might get a suggestion whether you wanna tag other person or not with this image.

Theoretically this type of learning would be called as “**Supervised Learning**” in which Facebook would learn from past experience(similar images) and label it(giving suggestion of tagging) to that particular image.

Our applied machine learning researchers and engineers develop machine learning algorithms that rank feeds, ads and search results, and create new text understanding algorithms that keep spam and misleading content at bay.

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

The goal of deep learning is to create machines that learn without the need for human input, identifying the words spoken in millions of videos.

There are many applications of deep learning when you look around. Such as Twitter is using deep learning to identify and remove pornography from users’ feeds. Facebook is using it to identify and tag people in photos when

only 20 percent of their faces are visible. Microsoft is using deep learning in its Windows Phone and in its Bing voice search. The company is also using it to develop speech translation software. IBM is using deep learning in its Watson supercomputer to guide doctors in analyzing symptoms and making better diagnoses.

The drug manufacturer Merck is using it to improve drug discovery. The company sponsored a contest to identify molecules that are best-suited to be used in the formulation of new drugs. The winning team, consisting of two professors and three graduate students, used deep learning to identify the molecules that are most likely to bind to their targets.

Upcoming Applications of Deep Learning 2020

1. Self-Driving Cars 2. News Aggregation and Fraud News Detection 3. Entertainment (VEVO, Netflix, Film Making, Sports Highlights, etc.) 4. Fraud Detection 5. Personalizationsho

Deep learning can do wonders and change the world by making such types of robots who can do everything just like humans.

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

My dream AI project is to make smart glasses and smart gloves for blind people at the platform of grocery shopping in a supermarket. As we know there are many people in this world who have no eyes, so there is a big problem for them as they have depend on other peoples. So as we make the project ,which is related to AI and cheaper in price for those blind people who are poor. So if this project is done , there will be a new hope for blind people to live their lives like a normal persons who are not blind and if this project is done in cheaper price it will be a commercial product and every people who have low sight and

vision or blind will purchase it happily and this project will be commercial.

THE END

