IBM Series 2 Workshop on "Machine Learning Using Python" 3rd Sept 20

This workshop was conducted by IBM to enlighten the students on how to use python for Machine learning. This was the second session of the workshop from the series of a total number of Six sessions of the workshop named "Machine Learning with Python". The speaker gave a walk-through of "cognitiveclass.ai". The speaker further spoke about what is Data Science and what are the other domains in data science except Artificial Intelligence. He then discussed data analysis and the factors required for data analysis. Python modules were discussed in Anaconda. Cloud computing factors were also discussed. This continued with the speaker explaining about how to create a project using Watson Studio. He then showed how to create a notebook in the project and showed how to do python coding on Watson Studio notebook. The speaker further discussed the various ways of creating arrays and different types of numpy array creation and explained about indexing values, various mathematical operations on numpy arrays and multidimensional arrays. He then started with Pandas module and explained how to create data frames. The talk concluded with the discussion on Matplotlib which is used for Data Visualization using bar graphs, pie charts and other methods.

photo-1: Opening Slide
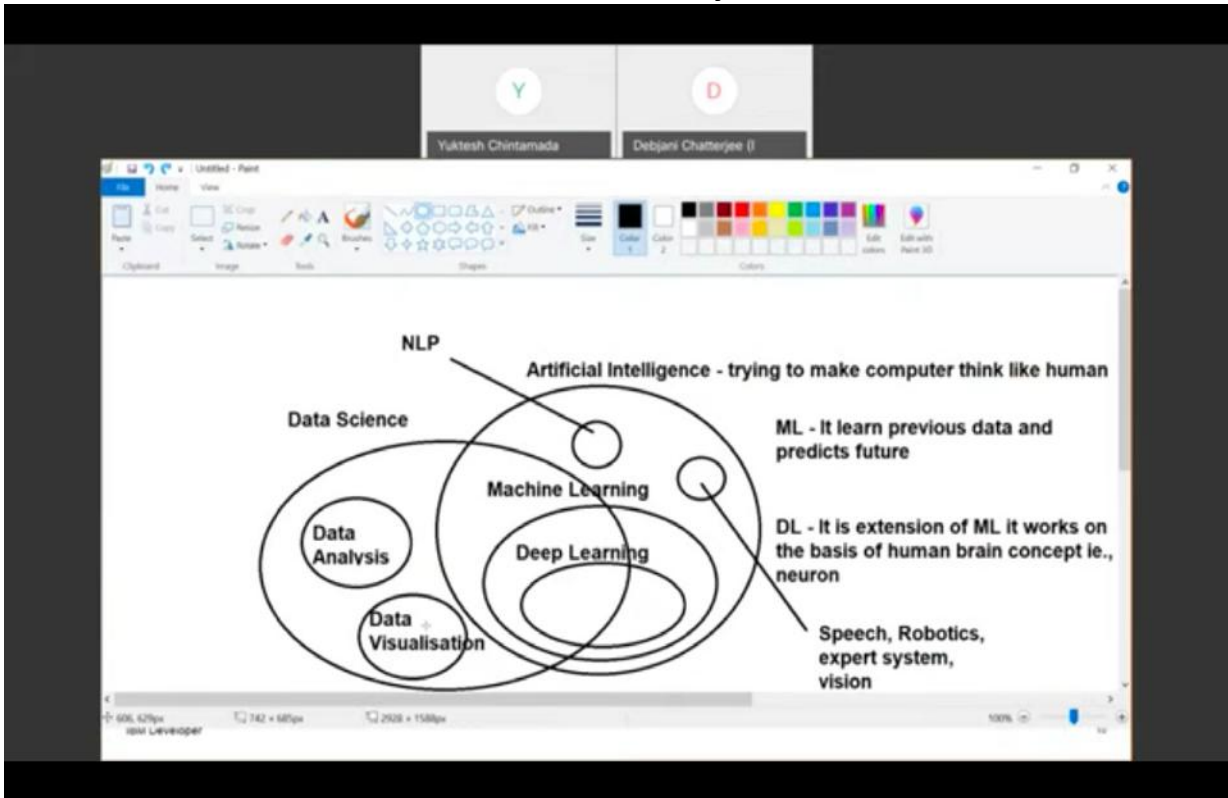
Photo-2: Basics about ML, DL, Data Analytics & Data Science

Photo-3: Discussion on Cloud Service Models