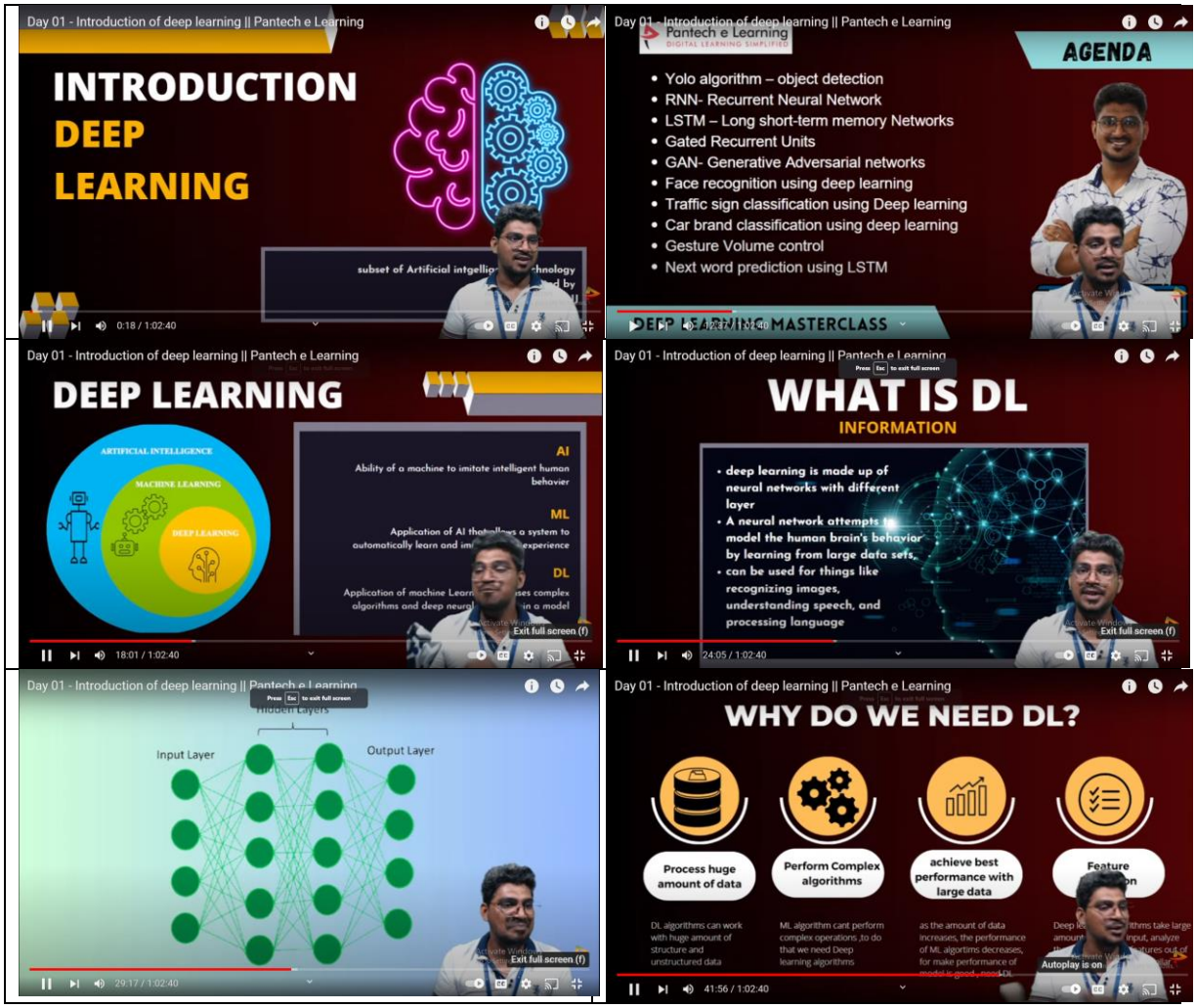
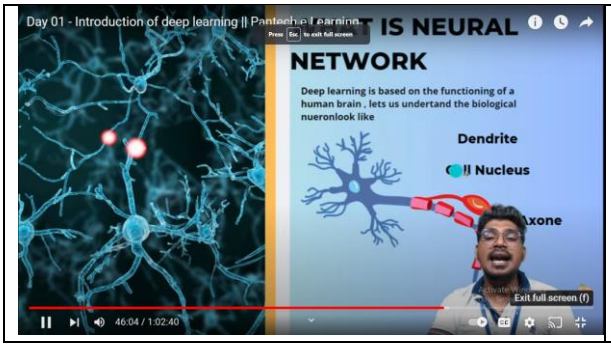
Training Program on Deep Learning (28th Sept, 2023 to 18th Oct, 2023)

Deep learning is another subset of machine learning that involves neural networks with multiple layers (deep neural networks). These networks, inspired by the structure of the human brain, can automatically learn to represent data through hierarchical abstraction. Deep learning has excelled in tasks such as image and speech recognition, natural language processing, and pattern recognition. It relies on large amounts of labeled data to train complex models and is particularly effective when handling unstructured data. A 21 Days Masterclass on Deep Learning were thus provided to the students from 28th Sept, 2023 to 18th Oct, 2023. Dr. Souvik Ganguli from the Department of Electrical and Instrumentation Engineering, Thapar Institute of Engineering and Technology, Patiala was the coordinator of the program. The program link is given for reference:

https://www.youtube.com/watch?v=r3n9zs604M0




Day 01 - Introduction of deep learning || Pantech e Learning
IS NEURAL
NETWORK
Deep learning is based on the functioning of a human brain , lets us undertand the biological nueronlook like
Dendrite
Nucleus
Exit full screen (f)
46:04 / 1:02:40


Day 01 - Introduction of deep learning || Pantech e Learning
Application of Deep
Self Driving car
distinguishes diferent types of object ,people, road signs, an drives with out human intervention
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56:29 / 1:02:40