

Assignment 2 | 5th April 2021

For any doubts regarding the assignment, ask questions in the [AIML](#) Group in the Community.

Submit assignments in [Your Classroom](#).

Question 1

What is Deep Learning? Read about various activation functions.

Deep learning is a subset of machine learning in artificial intelligence that has networks capable of learning unsupervised from data that is unstructured or unlabeled. Also known as deep neural learning or deep neural network.

Some activation function are Sigmoid Function. In an ANN, the sigmoid function is a non-linear AF used primarily in feedforward neural networks.

Hyperbolic Tangent Function (Tanh)

Softmax Function.

Softsign Function.

Rectified Linear Unit (ReLU) Function.

Exponential Linear Units (ELUs) Function

Question 2

Difference between supervised and unsupervised with your own set of examples.

Supervised learning is the technique of accomplishing a task by providing training, input and output patterns to the systems whereas unsupervised learning is a self-learning technique in which system has to discover the features of the input population by its own and no prior set of categories are used.

FAQs

Q. How do I submit the Assignment?

You can write your assignment answers in Document format & Submit it.

How to submit assignments in GitHub: <https://youtu.be/dPKpXVZrVTs>

Where do I get class links for the next session?

All sessions will be Live on our own dedicated learning management system. You'll also get an email with the link to the live session.

It will be also updated in the Community Group in the pinned post.

I have some doubt, whom do I ask?

(a) Post your Queries on the community, someone will help you out.