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NAME: R V Advaith STD.: ____ SEC.: ____ ROLL NO.: RA2311047010009 SUB.: Deep learning lab record

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1	31-07-2025	Exploring the deep learning techniques.	3-4	
2.	07-08-2025	Implement a classifier using open source dataset	5	
3.	07-08-2025	Study of the classifier with respect to statistical parameters		
4.	14-08-2025	Feed forward Neural Network for MNIST handwritten character recognition.		
5	22-08-25.	Study of different Activation Function and its Role.		
6.	9-09-25	Implement back propagation and gradient descent		
7.	16-09-25	Build a CNN model to classify cat and dog image.		
8	9-10-25	Experiment with UTM		
9.	10-10-25	Build a recurrent Neural Network		
10	17-10-25	Perform Computation on MNIST dataset using autoencoder		
11	17-10-25	Experiment with variational AE encoder		
12	27-10-25	Implement a Deep Convolutional GAN to Generate Complex Color Images		
13	27-10-25	Understanding the Architecture of Pre-trained Models		
14	03-11-25	Implement a Pre-trained CNN model as a Feature Extraction using Transfer learning		
15.	03-11-25	Implement a YOLO Model to Detect Objects		

Completed 13/11/25