



RAJALAKSHMI
ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to Anna University, Chennai

BONAFIDE CERTIFICATE

NAME Thejaswini
ACADEMIC YEAR 2024 - 2025 SEMESTER VI BRANCH B.Tech. A.I.E.D.S

UNIVERSITY REGISTER NO.

2116221801056

Certified that this is the bonafide record of work done by the above student in the
(AI19442)
Fundamentals of Machine learning Laboratory during the year 20²⁴ - 20²⁵

Signature of Faculty - in - Charge

Submitted for the Practical Examination held on.....

External Examiner

Internal Examiner

RAJALAKSHMI ENGINEERING COLLEGE

RAJALAKSHMI NAGAR, THANDALAM - 602 105.



RAJALAKSHMI ENGINEERING COLLEGE

Fundamentals of Machine
Learning (A1119442)

Laboratory Record Note Book

NAME Thyas K.S.....

BRANCH B.Tech..... A.I.E.D.S.....

UNIVERSITY REGISTER NO 2116221801056.....

COLLEGE ROLL NO 221801056.....

SEMESTER V1.....

ACADEMIC YEAR 2024 - 2025.....

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Name: Thiyas K.S Branch: Batch AIEPS Sec: Roll No: 221801056

S.No.	Date	Title	Page No.	Teacher's Sign/Remarks
1)	20/11/25	Installation of Jupyter notebook		
2)	24/11/25	logistic Regression	4	✓
3)	24/11/25	Univariate, Bivariate, multivariate Regression	7	✓
4)	14/12/25	Simple linear Regression using least square method	9	✓
5)	21/12/25	Python program to implement the Single layer perceptron	13	✓
6)	21/12/25	Python Program to implement multi-layer Perceptron with back propagation	17	✓
7)	28/12/25	Python Program Implement SVM Classifier model	21	✓
8)	4/1/25	Boosting	25	✓
9)	4/1/25	Kmeans and KNN	29	✓
10)	11/1/25	Python Program to implement Dimensionality Reduction Using PCA	33	✓
11)	11/1/25	Hand written digit classification with Tensorflow.	37	✓
		Completed		