



# MACHINE LEARNING COURSE

## CERTIFICATE OF ACHIEVEMENT

**P RISSI KUMAR**

pursuing B.E/B.Tech Artificial intelligence and machine learning at Rajalakshmi Engineering College has met all the criteria to successfully graduate from the Machine Learning course conducted by Lema Labs between November 23, 2020 and April 4, 2021,.

He has gained hands-on expertise on the following during the course

- ❖ Python Programming
- ❖ Univariate and Multivariate Linear Regression
- ❖ Gradient Descent Algorithm
- ❖ Logistic Regression
- ❖ K Nearest Neighbors
- ❖ Natural Language Processing
- ❖ Naive Bayes
- ❖ Decision Tree & Pruning Technique
- ❖ Random Forest
- ❖ Ensemble Techniques
- ❖ Support Vector Machines
- ❖ Unsupervised Learning - (K-means)
- ❖ Neural Network
- ❖ Exploratory Data Analysis
- ❖ Recommendation Systems

He has developed the ability to optimize the performance of all the above algorithms and evaluate the hypothesis using different evaluation metrics.

### About Lema Labs

*Lema Labs is a company founded by IIT Alumni under the guidance of faculty members of IIT Madras. We are striving to build an ecosystem for emerging technologies by providing support to stakeholders which include student community, educational institutions and the industry.*



Pawan Gnana Raj

Team Lead – Engineering | Lema Labs

