

# **INTERNSHIP REPORT**

**ON**

**YBI FOUNDATION**

Submitted in partial fulfillment of the requirement for the award

**Of**

**Degree Of Bachelor Of Computer Applications**

**University of Madras, Chennai**



**BY**

**K.LAVANYA**

(Register No 212304446)

**DEPARTMENT OF COMPUTER APPLICATIONS**

**SHRI SHANKARLAL SUNDARBAI SHASUN JAIN COLLEGE FOR**

**WOMEN**

**CHENNAI**

**MARCH 2025**

CERTIFICATE



Corporate Identification Number  
U80903DL2020NPL371984

14364000030499206



# Ybi Foundation

This is to certify that

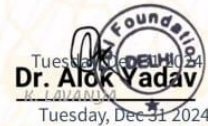
**K. LAVANYA**

has successfully completed

**Artificial Intelligence and Machine Learning Internship**

Duration: 1 Month completed on Tuesday, Dec 31 2024

demonstrated exceptional dedication with strong willingness to learn and actively engaged in projects and tasks exhibiting remarkable skills with high level of professionalism.



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# **INTERNSHIP REPORT ON DATA SCIENCE AND MACHINE LEARNING**

## **1. INTRODUCTION**

YBI Foundation is the dynamic organization dedicated to empowering youth by providing them with the necessary skills, guidance, and opportunities to succeed in their careers and entrepreneurship ventures. The foundation focuses on fostering innovation entrepreneurship, and leadership through various programs, mentorship, and training initiatives. YBI Foundation works towards creating a sustainable impact on youth by helping them build their professional abilities, encouraging social responsibility, and facilitating access to resources. Through a range of initiatives such as internship workshop, and skill-building activities, the foundation prepares young individuals for real-world challenges, helping them bridge the gap between academic learning and professional experience.

## **2. COMPANY PROFILE**

YBI Foundation is a Delhi-based not-for-profit edutech organization established in October 2020. Its mission is to empower youth by providing education and training in emerging technologies such as data science, business analytics, machine learning, cloud computing, and big data. The foundation offers a blend of online and offline learning methods, emphasizing hands-on projects and real-world applications. They cater to students, academicians, and professionals aiming to excel in these fields.

## **PROJECT DONE**

For my project done The goal of the project was to analyze the data collected from participants in YBI Foundation's skill development and training programs, and apply machine learning algorithms to predict employment outcomes for youth post-training. The project aimed at identifying patterns in the data that could help the foundation enhance the impact of its programs.

## **5. INFERENCE**

Based on my internship artificial intelligence and machine learning Implementing machine learning models into production environment to process real-time data and generate inference .Ensuring models operates efficiently and effectively at a scale. The project are very easy to do and learn more from this internship. Handling and preparing data task including data cleaning and transformation.

## **6. CONCLUSION**

This internship experience has provided me with valuable hands-on experience in artificial intelligence and machine learning. Throughout the internship, I worked on various projects that involved data preprocessing, feature engineering, model development, and deployment.we learn more from this project are very useful our future. This internship experience has been invaluable, and I am grateful for the opportunity to work on exciting projects and learn from experienced professionals.

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