

Practical Machine Learning Lab

Lab Manual with Student Lab Record

Developed By

Dr. K. Rajkumar

P. Bhuvaneswari



| | |
|----------------|--------------------|
| Roll No | 205229133 |
| Name | Vivian Richards. W |
| Class | I MSc Data Science |

**Department of Data Science
Bishop Heber College (Autonomous)
Tiruchirappalli 620017, INDIA**

March 2021

Copyright © Bishop Heber College



Department of Data Science
Bishop Heber College (Autonomous)
Tiruchirappalli 620017

BONAFIDE CERTIFICATE

Name: WILLIAM RICHARDS . W

Reg. No: 205229133 Class: J. M. Sc

Course Title DATA SCIENCE

Certified that this is the bonafide record of work done by me during **Odd / Even**
Semester of **2020 - 2021** and submitted for the Practical Examination on

Staff In-Charge

Head of the Department

Examiners

1. _____

2. _____

Grade Sheet

| | | | |
|-----------------|-----------|--------------------|-------------------|
| Roll No | 205229133 | Name | VIVIAN RICHARDS-W |
| Year | I | Semester | 2 |
| Instructor Name | | DR JANANI SELVARAJ | |

| Lab | Date | Activity | Grade |
|-----|------------|--|-------|
| 1 | 08.03.2021 | WarmUp: Familiarity with Data and Visualization | |
| 2 | 15.03.2021 | Pizza Liking Prediction using kNN | |
| 3 | 21.03.2021 | Fuel Amount Prediction using Linear Regression | |
| 4 | 25.03.2021 | House Price Prediction using LR with Regularization | |
| 5 | 09.04.2021 | Diabetes Classification using Logistic Regression | |
| 6 | 25.04.2021 | Predictive Analytics for Hospitals | |
| 7 | 28.04.2021 | Loan Approval Classification using SVM | |
| 8 | 04.05.2021 | Animal Classification using Decision Trees | |
| 9 | 11.05.2021 | Employee Hopping Prediction using Random Forests | |
| 10 | 27.05.2021 | Patients Physical Activities Prediction using Boosting | |
| 11 | 01.06.2021 | Shopping Mall Customer Segmentation using Clustering | |