




Vishnu V. S.

Kollam, Kerala

 vinodsvishnu37@gmail.com
 +91- 94463 38988

 www.linkedin.com/in/vishnu-v-s-6i6i6

Career Objective

I am a highly motivated researcher with a strong academic background in Applied Statistics and Data Analytics. My expertise lies in applying statistical and machine learning techniques to real-world problems. I aim to leverage these core skills to contribute to data-driven research, while advancing my strong research interest in scalable Bayesian inference and MCMC algorithms.

Personal Information

Permanent Address: Vinod Bhavan, Ambalamkunnu, Nettayam P O, Kollam, Kerala, India - 691537
Gender: Male
DOB: 16-July-2001
Marital Status: Single

Education

M.Sc. in Applied Statistics and Data Analytics 2022 – 2024
University of Kerala CGPA - 8.28

Mentor: Dr. Manoj Chacko
Professor and Head, Department of Statistics, University of Kerala

B.Sc. in Statistics 2019 – 2022
University of Kerala CGPA - 7.63

Mentor: Dr. Anjana V.
Associate Professor and Head, Department of Statistics, University of Kerala

Professional Experience

Assistant Manager – Cash Management Analyst Jan 2025 – May 2025
Corporate Office, Asirvad Microfinance Pvt. Ltd., Valapad, Thrissur

- * Developed a cash deposit tracker to identify non-compliant branches, improving efficiency and reducing discrepancies.
- * Conducted descriptive and regression analysis on branch performance and cash flow trends using R and Excel.
- * Coordinated with zonal managers to streamline communication and strengthen compliance across branches, and monitored daily cash flow to mitigate risks related to fraud and financial irregularities.

Statistical Surveyor (Intern) Jan 2024 – Mar 2024
LILO (liveLocal) – Food Delivery Application, Trivandrum

- * Analyzed survey data to assist in behavioral modeling and user trends.

Research Experience

Survival Analysis on Lung Cancer Data (R)

Personal Project July 2025 – Aug 2025

- * Applied **Cox Proportional Hazards models** and plotted **Kaplan–Meier curves** to clinical lung cancer data.

Stock Price Prediction using Machine Learning Models and Classical Models

Master's Project

Jan 2024 – June 2024

Guide: Dr. Manoj Chacko

- * Built LSTM, Random Forest, and KNN models for forecasting Kotak Mahindra Bank stock prices.
- * Evaluated models using RMSE and computational efficiency metrics; LSTM demonstrated the best performance.
- * Explored potential trade-offs between complexity, accuracy, and compute time.

Statistical Analysis of Lifestyle Diseases using SPSS

Batchler's Project

Jan 2022 – May 2022

Guide: Dr. Anjana V.

- * Conducted trend analysis on lifestyle diseases using survey data and provided insights on prevalence patterns and key risk factors.

Skills

- * **Programming & Software:** Python, R, SQL, SPSS, Power BI
- * **Statistics:** Longitudinal Data Modelling, Survival Analysis, Time-Series Analysis
- * **Machine Learning:** Support Vector Machines (SVM), Long Short-Term Memory (LSTM), Recurrent Neural Networks (RNN), Convolutional Neural Networks (CNN)
- * **Soft Skills:** Adaptability, Creative Thinking, Leadership, Self-Motivation
- * **Hard Skills:** Process Optimization, Data Interpretation, Risk Management, Stakeholder Communication, Team Coordination, Performance Monitoring, Problem-Solving

Conferences Attended

- * **National Conference on Current Developments in Statistics (NCCDS – 2024)** June 27–29, 2024
University of Kerala, India
- * **Eighth International Conference on Recent Trends in Statistics and Data Analytics (RTSD 2023)**
University of Kerala, India
- * **International Conference on Statistics for the Twenty First Century (ICSTC–2022)**
University of Kerala, India

Honours and Awards

- * Recipient of **Central Sector Scholarship** for Postgraduate Studies (2022–2024) from Ministry of Education, Govt. of India.

Certifications and Workshops

- * Workshop on **Statistical Analysis with SPSS –** Dec 19–20, 2023
University of Kerala and IBM.
- * **National Workshop on Epidemiological Studies & RCTs –** July 08–12, 2023
University of Kerala.

Volunteer Experience

- * **Volunteer – Blood Donors Kerala, Charitable Society** 2021–Present
Supported blood donation drives and community health initiatives through event coordination and data management.
- * **National Service Scheme (NSS) Volunteer** 2019–2022
Actively participated in community development programs, health awareness drives, and leadership activities during undergraduate studies.
- * **Rajyapuraskar Scout – Bharat Scouts and Guides** 2014–2017
Earned the Rajyapuraskar Award for excellence in outdoor skills, leadership, service activities, and teamwork.

Hobbies

Farming, Cooking, Traveling, Fitness, Self-Improvement

References

Dr. Manoj Chacko

Professor and Head

Department of Statistics, University of Kerala

Kariavattom, Trivandrum 695581, Kerala, India

drmanoj@keralauniversity.ac.in

Dr. E. I. Abdul Sathar

Professor, Department of Statistics, University of Kerala

Kariavattom, Trivandrum 695581, Kerala, India

sathare@gmail.com