Deepaneesh R V

Salem, Tamil Nadu
+91-7373468818 deepaneesh98@gmail.com
linkedin.com/in/deepaneesh github.com/Deepaneesh Web Resume

Objective

Adaptable and quick-learning professional seeking a role to contribute to a dynamic team with problem-solving skills and effective collaboration.

Education

Master of Science in Statistics 2023 – 2025
Bharathiyar University
PSG College of Arts & Science , Coimbatore
Percentage: 87.68 %

Bachelor of Science in Statistics 2020 – 2023
Bharathiyar University
PSG College of Arts & Science ,Coimbatore
Percentage : 88.85 %

Courses & Certificates

- **Descriptive Statistics With R Software** April-2021
- **Linear Regression For Business Statistics** Aug–2023
- **R Programming** Dec–2023
- **Biostatistics and Design of Experiments** April–2024
- **Essentials of Data Science with R software -2: Sampling Theory and Linear Regression Analysis** May–2024
- **Data Analysis with R Programming** Aug–2024
- **Python Course for Beginners With Certification: Mastering the Essentials** Oct–2024

Internship

Company Name: SIMA (South Indian Mill Association)

Role: Data Analyst

Duration: July-August 2022 & july–2024

Learned about Data Analysis and its application in Textile industry, for 10days during the month of June 2024 and for 15 days during the month of July 2022

Interested Area

- Analysis
- Estimation

Languages Known

- Tamil
- English
- French

Project

Statistical Study on Vital Reports | *R, SPSS, Jamovi, Excel* Jan– 2024

– Analyzed age of death patterns by region and gender; predicted future birth and mortality rates
– Found strong regional and gender-based mortality trends; rates are gradually increasing

Optimizing Diabetes Management : A Predictive Approach to Medication Effectiveness

R Programming Jun– 2024

– Evaluated Metformin, Glipizide, and Sitagliptin for blood glucose control over 8 weeks using ARIMA
– Identified Glipizide as most effective, reducing blood glucose by 24.5 units
– ARIMA predicted glucose normalization within 10 weeks (MAE: 6.75, RMSE: 6.76)

Bangalore Traffic Prediction | *R programming* Sep– 2024

– Analyzed Bangalore's traffic data to identify peak months and forecast future traffic trends
– Found highest traffic volume on Wednesdays and in June; adverse weather increases congestion by reducing speed
– Predicted continued traffic growth, emphasizing the need for better management and planning

Enhancing Leukemia Detection With Machine Learning And Statistical Analysis

R Programming , Jamovi Mar– 2024

– Built optimized statistical and machine learning models for leukemia prediction with hyperparameter tuning
– Identified key predictors using feature importance and model coefficients to improve early detection
– Recommended regular screening, lifestyle changes, and awareness to reduce risk; highlighted need for further research

A Statistical And Machine Learning Approach To Early Detection And Affected Area Prediction In Neuromuscular Disorders | *R, Jamovi, Excel* Apr– 2024

– Explored how treatment adherence and clinical factors influence disease severity and patient strength in neuromuscular disorders
– Evaluated machine learning models (e.g., CatBoost, Random Forest) for early-stage diagnosis using ROC and AUC metrics
– Highlighted need for personalized care, continuous monitoring, and model-driven prediction of major health issues

Skills

- **Programming Languages:** R, Python, SQL
- **Tools and Software:** Excel, MS-Office, R-Studio, SPSS, SYSTAT, Jamovi, LaTeX
- **Version Control:** Git & Git-hub

Awards and Achievements

- **BASIC LIFE SUPPORT AND RECOVERY POSITION** 2023
  -Voluntary work in the 'WORLD RECORD EVENT UNDER ASIA BOOK OF RECORDS'
- Participated in Nova Nordisk
  Symposium for Innovative and Applied Statistics June–2024 & july–2024

Hobbies

• Story Editing • Chess