

# Deepaneesh R V

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## Objective

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

## Education

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**Master of Science in Statistics** 2023 – 2025

Bharathiyar University

PSG College of Arts & Science , Coimbatore

Percentage: 86.65% [upto 3rd Semester]

**Bachelor of Science in Statistics** 2020 – 2023

Bharathiyar University

PSG College of Arts & Science , Coimbatore

Percentage : 88.85%

## Courses & Certificates

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- **Descriptive Statistics With R Software** April-2021  
- Percentage: 75%
- **Linear Regression For Business Statistics** Aug-2023  
-Percentage: 85.22%
- **R programming** Dec-2023  
-Percentage: 98%
- **Biostatistics and Design of Experiments** April-2024  
-Percentage: 72%
- **Essentials of Data Science with R software -2:  
Sampling Theory and Linear Regression Analysis** May-2024  
-Percentage: 77%
- **Data Analysis with R Programming** Aug-2024  
-Percentage: 85%
- **Python Course for Beginners With Certification:  
Mastering the Essentials** Oct-2024  
-Percentage: 82%

## Internship

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**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

## Project

### Statistical Study On Vital reports

Jan– 2024

**Abstract:** Analyzing the relationship between age of death for region and gender, and predicting future birth and mortality rates by region.

**Tools:** R programming , SPSS , Jamovi , Excel

**Result:** There is A strong relationship between age of death for region and gender , the birth rate and Mortality rate are slowly increasing in future

### Optimizing Diabetes Management : A Predictive Approach to Medication Effectiveness

Jun– 2024

**Abstract:** This project evaluates the effectiveness of Metformin, Glipizide, and Sitagliptin in managing blood glucose levels in Type 2 Diabetes patients over 8 weeks. Using ARIMA models on synthetic data, it forecasts blood glucose trends, identifies Glipizide as the most effective, and provides model accuracy metrics.

**Tools:** R programming

**Result:** Our study found Glipizide to be the most effective in reducing blood glucose levels in Type 2 Diabetes patients, with a total reduction of 24.5. The ARIMA model reliably predicted glucose normalization within 10 weeks, with MAE of 6.75 and RMSE of 6.76. This emphasizes the value of data-driven approaches in diabetes management.

## Skills

- **Programming Languages:** R, Python, SQL
- **Tools and Software:** Excel, MS-Office, R-Studio, SPSS, SYSTAT, Jamovi,  $\text{\LaTeX}$
- **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

## Interested Area

- Analysis
- Estimation

## Languages Known

- Tamil
- English
- French

## Hobbies

- Story Editing
- Chess