

## BALAJI PANDIYAN

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### CAREER OBJECTIVE

Biostatistician, looking for a position that offers me an opportunity for advancement in my career endeavours, where I can utilize my current technical skills and knowledge under the senior's supervision who can take the best out of me and gives me a chance for my innovative work as well for mutual beneficial results.

### SUMMARY

- **Data Manager** with 2+ years of experience with a strong emphasis in research studies and thorough knowledge of observational studies.
- Report results of the statistical analyses in the form of graphs, charts, and tables like
  - ❖ Correlation
  - ❖ Simple linear regression and multiple linear regression
  - ❖ Chi-square test
  - ❖ Logistic regression , Poisson regression
  - ❖ T-Test (Independent sample T-test , Paired sample T-test)
  - ❖ Linear mixed effect model
  - ❖ Bar chart , Pie chart , Scatter plot , Box plot , Line graph , stacked bar chart, Heatmap, ggplot
- Good knowledge of using STATA and R
- Quick learner and excellent team player, consistently meet the deadlines and can work under pressure
- Strong knowledge in resolving issues, communication, and interpersonal skills with the ability to interact with individuals at all levels
- Highly motivated individual with excellent organizational and interpersonal skills

### PROFESSIONAL EXPERIENCE

***Data manager –Biostatistician (2.5 Years)***

***Christian Medical College & Hospital, Vellore***

***May2019 – Present***

#### ***Responsibilities in Statistical Analysis***

- Analyse and interpret the data for scientific communication
- Calculate sample size for research studies
- Create tables and figures for research papers
- Interim analysis to ensure the study flow

***Responsibilities in Data Management***

- Develop automated STATA programs to identify the invalid data and missing data
- Carry out data cleaning for assigned studies
- Generate study reports for project management

**PROJECT CONTRIBUTION**

- Implementing electronic data collection platform for household surveys in resource-constrained settings
- Households Healthcare Expenditure
- Statistician @ SRM Group of Institutions, Ramapuram Campus from October 2014 to Dec 2017
- MIS Executive @ Ventura Engineering Services from Jan 2018 to Feb 2019.
- From July 2011 to April 2012 worked Omega Healthcare Ltd as a "Junior Process Associate".

**PROGRAMMING AND SOFTWARE**

- STATA -Working knowledge
- R programming language - Basic knowledge
- Microsoft Office tools (Word, Excel, PowerPoint)

**EDUCATIONAL QUALIFICATION**

- Master of Statistics from Presidency College, Chennai in 2014
- Bachelor of Statistics from Presidency College, Chennai in 2012

**CONFERENCES**

- XXXI Annual Conference of Indian Society for Medical Statistics (ISMSCON), Dept of Biostatistics, Christian Medical College (CMC), Vellore during (24-26 October 2013).

**PUBLICATIONS**

- Implementing electronic data collection platform for household surveys in resource-constrained settings

**DECLARATION**

I hereby declare that all the information furnished above is true to best of my knowledge.

**Place:**

**Date:**

**Regards**

**(BALAJI)**