



Siriyak CR

ASSOCIATE MANAGER CLINICAL DATA ANALYST

Bangalore Koramagala

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The Clinical Data Analyst, end to end data programming, testing, data technology, data flow, and data standards, clinical data reports, dashboards and analytics, as analyst collaborated with the Clinical Data Strategist, and other key stakeholders to deliver standardized reports and innovative analytic solutions for use in global clinical trials, This very CV was even compiled with code

Employment

Associate Manager Clinical Data Analyst

Bangalore

ELILILY AND COMPANY

October 2021 -> Present

- LANGUAGES USED — SAS, RMarkdown, R
- TOOLS USED — Git, Rshiny, power BI, Power App, Rs connect
- Programmed and test data reporting dashboarding and analytics for a trial or set of trials within a program using data standards library
- Provide insights into study level deliverables
- Data Management Plan, Project Plan database and observed datasets
- Support submission, inspection and regulatory response activities
- Lead large-scale cross Business Unit Therapeutic Area projects or programs with high complexity
- Develops and tests new ideas and or applies innovative solutions that create value to the portfolio
- Independently identifies key scientific questions issues and develops solutions to advance the portfolio
- Increase speed accuracy and consistency in the development of reporting and analytic capabilities and deliverables
- Partner with Clinical Data Management Associate and Data Strategist to deliver data reporting and analytics per business need
- Comply with and influence data standard decisions and strategies for a study and program
- Utilize therapeutic knowledge and possess a deep and broad understanding of the technology to develop data reports and analytic solutions
- Effectively apply knowledge of applicable internal external and regulatory requirements expectations MQA CSQ MHRA FDA ICH GCP PhRMA Privacy knowledge etc to all deliverables
- Integrates cross-functional and/or external information and applies technical knowledge to data-driven decision making
- Continually seek and implement means of improving processes to reduce data reporting analytics and decrease work effort
- Represent Data and Analytics processes in cross functional initiatives
- Actively participate in shared learning across Data and Analytics organization
- Worked to Increase re-usability of reports and analytics
- Worked to enable automation and seamless data delivery with real time data validation
- Anticipate and resolve key technical operational or business problems that impact the Data and Analytics organization
- Interacts with regulators business partners and outside stakeholders on business issues
- Thinks with end to end in mind consistently managing risk to minimize impact on delivery
- Builds a diverse cross-functional and internal external network to understand how different disciplines and approaches contribute to research and development
- Focused on defining analytic solutions to answer scientific questions goals critical success factors and timelines in support of advancing the portfolio

Clinical Data Analyst

Bangalore

IQVIA

Feb 2020 -> Oct 2021

- LANGUAGES USED — RMarkdown, R, MSOffice
- TOOLS USED — Git, EXCEL, RSHINY, Rstudio, SpotFire
- A good understanding of drug development processes and strategies with proven ability to apply innovative statistical thinking to meet project or business objectives
- Experience in submissions and interacting with regulatory bodies ICH GCP-Fundamental GCP Exam
- Experience of working with and co-coordinating CROs and Sponsors
- Experience with modeling and simulation and other innovative methodologies
- Providing statistical input to the design analysis reporting and interpretation of clinical studies and contribution to publications
- Identifying developing and implementing novel statistical methodologies in support of medicine development
- Influencing clinical development plans regulatory and commercial strategies
- Building and maintaining effective strategic working relationships with internal and external Stake Holders to meet business needs
- Providing technical advice mentoring and training
- Validating analysis output based on relevant SOPs Guidances
- Keeping up to date with current literature and may research new methodologies
- Managing conflicting demands and priorities

Technical consultant Statistician Data analyst

Bangalore

SPSS SOUTH ASIA PRIVATE LIMITED

June 2017 -> Feb 2020

- Used data visualization statistical analysis pattern recognition, and machine learning
- along with domain knowledge and subject specific models to solve science engineering and commercial problems
- Assisted the formulation of new projects or enhancements of existing models
- Contribute to all stages of data analytics or decision modeling development deployment and support
- Database historian development data extraction transformation data filtering and quality control
- exploratory data analysis and visualization and programming with an emphasis on scripting languages
- Processed unstructured data into a form suitable for analysis
- Created tutorials documentation training material and case studies
- Built simulation models using proprietary and vendor tools to model business problems
- Analyze simulation results and develop technical reports and presentations
- Supervised the Predictive Analytics of developers during ongoing project for writing time series algorithm R integration Survival Analysis and validated the output

Pre sales Post sales Technical Associate Statistician

Bangalore

STARCOM INFORMATION TECHNOLOGY LIMITED

May 2016 -> April 2017

- Actively involved in proposal elaboration client presentations and business development activities
- Creating Business presentations Technical documents Case studies and other collateral's for respective Verticals
- Maintaining excellent relations with key clients business groups to generate referrals as well as build avenues for additional business Planning and Implementing Promotional Activities to create Brand Visibility and Penetrate Market
- Streamlined training processes through the creation of quick reference to clients work efficiency prospecting
- Stakeholder management coordinating and working with cross functional teams and departments to fetch relevant and required information
- Delivered solutions-driven customer service in multiple roles leveraging a natural ability to build rapport, assess needs and determine best practices to solve problems and meet needs for people of all ages and positions
- Supervised the StarBI team of developers during ongoing project for writing time series algorithm R integration and validated the output
- Used Statistical techniques for hypothesis testing to validate data and interpretations
- Performed market analysis to efficiently achieve objectives increasing sales
- Successfully interpreted data to draw conclusions for managerial action and strategy Presented findings and data to team to improve strategies and operations

Education

University of Mysore

Mysore

M.S.C IN STATISTICS

Yuvaraj College ,University of Mysore

Mysore

B.S.C IN MATHEMATICS, STATISTICS, COMPUTER SCIENCE

Skills

Statistical -Analytical Skills

ADVANCED ANALYTICS, DATA ANALYTICS, MACHINE LEARNING ALGORITHMS, SVM, APRIOR, KNN, BAYESIAN STATISTICS, ALL STATISTICAL MODELLING, COMPUTATIONAL STATISTICS, DATA MINING, PROBABILISTIC MODELLING, CLASSIFICATION, HIDDEN MARKOV MODELS, PREDICTIVE ANALYTICS, STATISTICAL QUALITY CONTROL, EXACT TEST, TIME SERIES FORECASTING, REGRESSION MODELING, CREDIT SCORING, SIMULATIONS, MARKET BASKET ANALYSIS FACTOR ANALYSIS, DISCRIMINANT ANALYSIS, CLUSTER ANALYSIS, NEURAL NETWORK, DIRECT MARKETING, DECISION TREE, PATH ANALYSIS, CREATING PIVOT TABLES VLOOKUPS AND DEVELOPING DASHBOARDS

Programming Languages

R,SAS, BASIC-PYTHON

Markup Languages

BASIC CSS, RMARKDOWN

other

GIT,RSTUDIO,SPYDER

Microsoft Office

EXCEL, OUTLOOK, ONENOTE, POWERBI, POWERPOINT, WORD,POWER APP,SHARE POINT

IBM Tools-SYSTAT

AMOS,TEXT ANALYTICS FOR SURVEY, SPSS MODELER, STATISTICS,BASIC TABLEAU, SIGMAPLOT, SIGMASTAT, TABLE CURVE 2D, TABLE CURVE 3D, PEAK FIT