**SRI RAM MAMIDI**

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**PROFESSIONAL SUMMARY**

Aspiring Data Analyst with experience in machine learning, statistical analysis, SQL, Python, R, and data visualization. Skilled in building predictive models, cleaning and processing large datasets, and creating interactive dashboards. Strong healthcare analytics and clinical data management background with expertise in Medidata Rave and FDA compliance standards.

**EDUCATION**

**Saint Louis University Saint Louis, MO, USA**

**Master of Science in Analytics** (August 2023 – May 2025)

**WORK EXPERIENCE**

**Saint Louis University Saint Louis, MO, USA**

***Research Analyst (Feb 2024 – Present)***

* Analyzed large health datasets using Python, R, SQL, and SPSS, improving research efficiency by 30%.
* Developed Power BI dashboards, reducing manual reporting by 40% and improving trend identification.
* Built machine learning models for predictive health risk assessment, increasing accuracy by 25%.

**Parexel International Private Ltd., Hyderabad, India**

***Clinical Data Analyst (Jan 2021 – July 2023)***

* Cleaned and validated clinical trial datasets using Medidata Rave, achieving 99% data accuracy.
* Conducted User Acceptance Testing (UAT), identifying and resolving 15+ system errors, reducing deployment errors by 30%.
* Designed data integrity protocols, ensuring compliance with FDA and ICH-GCP standards.

**PROJECTS**

***Healthcare Analytics: Predicting High-Risk Patients (Dec 2024 – Present)***

* Built a predictive model to identify high-risk patients for heart disease, diabetes, and hypertension.
* Cleaned and analyzed electronic health records (EHR) using SQL and Python.
* Improved early risk detection by 30%, optimizing hospital resource allocation.

**TECHNICAL SKILLS**

**Programming**: Python, R, SQL, SPSS  
**Data Visualization**: Power BI, Tableau  
**Machine Learning**: Predictive Modeling, Statistical Analysis  
**Databases**: Medidata Rave, Data Labs Strong problem-solving skills with experience in data-driven decision-making.