

Sr. Associate – Data Science

Job Title	Sr. Associate – Data Science
Department	Operations
Level	Level 1
Location	Delhi
Reporting Manager	Head - Finance, Accounts, HR & IT
Reportees	-Nil-



About SaveLIFE Foundation:

SaveLIFE Foundation (SLF) is a non-profit organisation committed to saving lives on roads in India. We have been recognised as the Best NGO in India by the Rockefeller Foundation and are a recipient of the prestigious Prince Michael International Road Safety Award. We partner directly with the government, industry, and local communities across India to make the most dangerous roads safer. Road crashes kill over 1.3 million people globally each year. India holds the dubious distinction of being world number one in road crash deaths, with at least 150,000 fatalities and over one million serious injuries per year. Most victims come from extremely poor backgrounds. Road crashes have emerged as the number one cause of death for Indians in the age-group of 15-45, dealing a crushing blow to the nation's productivity and a loss of 3% to our GDP each year - an amount that can eradicate hunger from India, twice over each year. Tragically, road crashes in India are also one of the biggest causes of death for children under age 14, with over twenty fatalities each day, mostly in the vicinity of schools. SLF operates at the intersection of policy-making and grassroots impact. We are best known for getting India a Good Samaritan Law that encourages bystanders to help critically injured persons on the road, expected to save 50% lives otherwise lost to preventable injuries. Most recently, SLF has delivered an astounding 52% reduction in fatalities on the Mumbai-Pune Expressway, and a reduction of 69% on in fatalities on the Old Mumbai - Pune Highway (NH-48) through a combination of measures ranging from improved road engineering to technology-driven traffic enforcement to optimised trauma response – the Zero Fatality Corridor (ZFC) model.



Role Overview:

As the Sr. Associate- Data Science and Research at SLF, you will turn data into information and information into insights. You will work closely with different teams to develop and deploy research frameworks to support data- driven decision making. Different teams at SLF source, use and analyze data as part of their work. You will ensure different projects are data-driven and help us re-imagine transformational road safety solutions through robus data analysis.



Key Responsibilities:

- Support in Data analysis and coding.
- Work with project teams and different stakeholders to understand the requirements, challenges and opportunities of existing data sets.
- Develop management insights from the data using visual graphics and other techniques.
- Develop and implement databases, data analytics and other strategies that optimize statistical efficiency.
- Identify new data sources and translate complex datasets into easily accessible and useful information that supports program objectives.
- Highlight data trends and analytic opportunities that can drive program innovations.
- Develop technical architecture, product specifications, processes and tools to monitor and analyse model performance and data accuracy.
- Look after the Network Security & Data Protections.
- Provide troubleshooting support at the first level as required by the users. Also escalate to the external service provider and facilitate resolution of user problems
- Assess the effectiveness and accuracy of new data sources and data gathering techniques
- Develop and manage comprehensive research and M&E frameworks for different programs. Conducting quantitative (using SPSS, STATA, R or similar software,) or qualitative (using software like Atlas.ti) data analysis to model data.
- Develop custom data models and algorithms to apply to data sets, develop A/B testing framework and test model quality.

Process Improvement, Learning & Development

- Take initiative to establish best practices in his / her areas of work
- Make maximum use of Technology in the departmental processes
- Actively participate in organization initiatives to drive organization development, employee engagement, etc.
- Adhere to timelines for execution and improve on the performance parameters as per the feedback provided
- Take responsibility for capability development of self, in relevant areas

- Adhere to timelines for execution and improve on the performance parameters as per the feedback provided
- Take responsibility for capability development of self, in relevant areas



Role Specifications:

Education

- MCA, computer engineering or relevant qualifications.
- Certification in Data science preferred..

Experience

- Experience in Data science – minimum 1-2 years.
- Working experience in Non Profit organizations is preferred

Key Behavioural attributes

- Execution Focus
 - Building Trust & Relationships
 - Impact & Influence
 - Planning & Organizing
 - Communication
- Learning Focus
 - Learning Orientation
 - Analytical Thinking
- Adherence to Core Values of SLF
 - Dependability
 - Integrity
 - Mutual Respect
 - Spirit of Public Service
 - Leadership
 - Excellence



How to apply: Interested candidates can apply for this position by clicking on the following link and submitting their application.

<https://forms.gle/hwCmi5KT2mg6JU558>