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| Basic Information | | |
| Location:  Gurgaon - HO | **Job Title:** AI Analyst | **Band:**5A |
| **Reporting To:**AI Lead | **Role Type:**Individual Contributor | **Department:**AI Works |

**About Max Life AI Works**

Max Life Insurance, one of the leading life insurers and the largest non-bank owned private life insurer in India. The Company has more than 32 Lakh customers, 6, 16,528 Crores of sum assured, 52,000 + Crores of assets under management and presence in 140+ cities across India.

‘AI Works’ is a newly created specialized unit within Max Life, to leverage artificial intelligence and machine learning to solve complex business problems across the insurance value chain. We are looking for candidates who are enthusiastic for an exciting, fast-paced work environment and have a strong personal interest in learning, researching, and creating cutting edge AI solutions which make high business impact.

As part of ‘AI Works’ team, you would focus on conceptualizing, developing and deploying Artificial Intelligence based solutions across life insurance value chain to support, sustain and enhance Max Life’s Business.

**How do you know that you are fit for this role?**

         You have a hands-on experience using python for data science projects

         You have execution knowledge of Machine Learning/ Deep learning algorithms using PySpark, Scikit-learn, and Tensor Flow etc.

         You have been part of a team developing AI-Machine Learning technologies with a strong background in advanced mathematical concepts and equally good understanding of algorithms.

         You can work with a lean team internally, and you are a self starter.

**Desired Qualification & Expertise**

* 1 - 2  years of hands on experience in building Machine Learning models
* Masters (MTech/ME/MSC) in Computer Science/Information Technology or other quantitative disciplines from Tier 1/ Tier 2 institutes (IIT, IIIT, NIT, BITS, or other premiere institutions)
* End to end deployment of supervised/unsupervised ML algorithms -Logistic Regression / kNN /KMeans/Random Forest / SVM/XG Boost/Naïve Bias/Time series forecasting etc.
* Excellent programming skills in Python is mandatory
* Hands-on experience on R is good to have
* Experience in working with cloud infrastructure and high-performance computing (GPU/TPU) be a plus

**Role & Responsibilities**

* Develop Machine learning based solutions for business needs spanning across Life Insurance lifecycle and ensure their integration with technology systems
* Working with large data sets and bringing out insights from Data
* Perform data discovery and validate hypothesis to support business decisions and for decisions on model development
* Ideate and build models, compare/ validate / QC models, monitor model performance and flag out performance deviation
* High attention to detail combined with an ability to work in a fast paced environment with minimal guidance
* Explore new age AI techniques and apply those for solving business problems at MLI
* Prepare and present the analysis and model outputs to key business stakeholders