

Data Scientist

JOB

1st year Annual Base CTC: INR 25,00,000

1st year Annual Overall CTC: INR 31,05,000

1st year Annual Overall CTC detailed break up
Components Amount

Base Pay 25,00,000

Performance Bonus 7% of base pay [Paid every year] 1,75,000

Joining Bonus [Paid one time at the time of joining] 2,50,000

National Pension Scheme-Optional benefit 80,000

Relocation Lumpsum (Only to outstation candidates) 1,00,000

Gross CTC 31,05,000

1st year approx. Monthly salary: 00

2nd Year approx. Annual Base CTC: 00

2nd Year approx. Annual Overall CTC: 00

2nd Year approx. Annual Overall CTC detailed break up
00

2nd year approx. Monthly salary: 00

Test duration: >60, UP TO 120

Can apply? : Single role

Company: Mastercard

Eligibility Criteria:

75% or 7.5 CGPA and above in class Xth, XIIth, Graduation and Post graduation till now.
No Active Backlog

Program:

- M.Tech

Discipline:

- M.Tech in Artificial Intelligence

- M.Tech in Computational and Data Sciences
- M.Tech in Electrical Engineering
- M.Tech in Electrical Communication Engineering
- MTech in Electronics and Communication Engineering
- M.Tech in Computer Science and Engineering

Job Location:

Gurgaon

Skillset: Mentioned in JD

You have applied for this job

Placement Process: CV Screening, Pre Placement Talk, Online Test, Technical Interview, HR Interview

Job Description

Our Vision

AI Garage is responsible for establishing Mastercard as an AI powerhouse. AI will be leveraged and implemented at scale within Mastercard providing a foundational, competitive advantage for the future. All internal processes, all products and services will be enabled by AI continuously advancing our value proposition, consumer experience, and efficiency.

Opportunity

Join Mastercard's AI Garage @ Gurgaon, a newly created strategic business unit executing on identified use cases for product optimization and operational efficiency securing Mastercard's competitive advantage through all things AI. The AI professional will be responsible for the creative application and execution of AI use cases, working collaboratively with other AI professionals and business stakeholders to effectively drive the AI mandate.

Role

- Develop AI/ML solutions/applications leveraging the latest industry and academic advancements.
- Strong theoretical understanding of statistical techniques, machine learning algorithms and their mathematical underpinnings.
- Interpret and explain model predictions and insights to varied audiences.

- Thrive in an unstructured environment, working autonomously on a strong team to find opportunity and deliver business impact.
- Leverage open and closed source technologies to solve business problems.
- Ability to work cross-functionally, and across borders drawing on a broader team of colleagues to effectively execute the AI agenda.
- Partner with technical teams to implement developed solutions/applications in production environment.
- Support a learning culture continuously advancing AI capabilities.

All About You:

Experience

- Demonstrated passion for AI competing in sponsored challenges such as Kaggle.
- Previous experience with or exposure to:
 - o Deep Learning algorithm techniques, open-source tools and technologies, statistical tools, and programming environments such as Python, R, and SQL.
 - o Big Data platforms such as Hadoop, Hive, Spark, GPU Clusters for deep learning.
 - o Classical Machine Learning Algorithms like Logistic Regression, Decision trees, Clustering (K means, Hierarchical and Self-organizing Maps), TSNE, PCA, Bayesian models, Time Series ARIMA/ARMA, Recommender Systems - Collaborative Filtering, FPMC, FISM, Fossil.
 - o Deep Learning algorithm techniques like Random Forest, GBM, KNN, SVM, Bayesian, Text Mining techniques, Multilayer Perceptron, Neural Networks - Feedforward,
 - o CNN, LSTM's GRU's is a plus. Optimization techniques - Activity regularization (L1 and L2), Adam, Adagrad, Adadelta concepts; Cost Functions in Neural Nets - Contrastive Loss, Hinge Loss, Binary Cross entropy, Categorical Cross entropy; developed applications in KRR, NLP, Speech and Image processing.
 - o Deep Learning frameworks for Production Systems like Tensorflow, Keras (for RPD and neural net architecture evaluation), PyTorch and Xgboost, Caffe, and Theano is a plus.

Effectiveness

- Effective at managing and validating assumptions with key stakeholders in compressed timeframes, without hampering development momentum.
- Capable of navigating a complex organization in a relentless pursuit of answers and clarity.
- Enthusiasm for Data Sciences embracing the creative application of AI techniques to improve an organization's effectiveness.
- Ability to understand technical system architecture and overarching function along with interdependency elements, as well as anticipate challenges for immediate remediation.
- Ability to unpack complex problems into addressable segments and evaluate AI methods most applicable to addressing the segment.
- Incredible attention to detail and focus instilling confidence without qualification in developed solutions.

Core Capabilities

- Strong written and oral communication skills
- Strong project management skill