Job Title: Associate Data Scientist / Data Scientist

Company: Netradyne Technology India

Location: Whitefield, Bangalore

Employment Type: Full-time

Work Model: On-site

Shift: General Shift (5 days a week)

About Netradyne: Netradyne is a cutting-edge technology company revolutionizing the transportation industry with its advanced AI-powered solutions. We specialize in developing innovative products and services that enhance fleet safety, efficiency, and performance. With a focus on data-driven insights and real-time analytics, Netradyne is at the forefront of shaping the future of transportation.

Job Overview: As an Associate Data Scientist or Data Scientist at Netradyne, You will perform analyses, build models, and design/conduct experiments to improve road safety and reduce accidents

Key Responsibilities:

•Design, develop and evaluate statistical, machine learning and generative AI / LLM models to understand driving risk, driver coaching and actionable insights.

•Build machine learning models and design product features to improve scores, compliance, and other key metrics.

•Develop, deploy and improve machine learning models in end-to-end ML pipeline for key features such as accident prediction.

•Design efficient architectures for real-time edge computing.

•Conduct statistical experiments, A/B Testing, and data-driven metrics to guide product ROI features.

•Work with the data engineering/ cloud team/ product team to productize data science features or microservices.

Mandatory Skills:

- B. Tech/M. Tech/PhD in Computer Science, Electrical Engineering, or other Quantitative Fields.
- Strong knowledge of statistics, probability, ML, and estimation theory.

- Good understanding of data-structures and algorithms.
- Experience with deriving useful insights from large and complex datasets.
- Experience with Mathematical/Statistical modeling, data visualization, and storytelling.
- Strong ability to communicate highly technical results to a diverse audience.
- Ability to develop quick proof of concept solutions in a fast-paced startup environment.
- Good hands-on experience of coding – Python (required), C/C++, R, etc.
- Experience working with databases – Postgres, MongoDB, etc.

Preferred Skills:

- Experience with prompt engineering and Generative AI foundation models is a plus.
- Experience working with time-series, rare-event detection and data from GPS/IMU sensors would be useful.
- Experience with data visualization tools like Tableau, Plotly-Dash is a plus.
- Experience with Big data tools like Hadoop, Spark, Mongo DB
- Fundamental understanding of deep learning and/or computer vision algorithms.
- Exposure to accelerating algorithms for GPUs, such as with CUDA, is a plus.
- Publications in CVPR, NIPS, ICLR, ICCV and IEEE journals is a plus..

Interview Process

- 1st round: statistics, probability, ML, and estimation theory, Python,Aptitude, Puzzles, Algorithms, System level understanding, Deep diving into final year project
- 2nd round: Test on statistics, probability, and ML and CV concepts.
- HR round: Cultural Assessment

Equal Opportunity Employer Statement: Netradyne is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.

Additional Information: This position is based out in HM Tech Park, Whitefield Bangalore with potential for work flexibility.

Contact Information: For inquiries, please contact Recruiter at 8919760128 or mohan.t@netradyne.com.

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