Lead Data Scientist  
  
**Job Summary:**As Lead Data Scientist you are responsible for spearheading the predictive modeling and machine learning division of the data science department to facilitate growth, revolutionize processes and streamline our customer experience.  
  
**Responsibilities:**

* Analyze complex datasets: Lead the analysis of intricate datasets to identify patterns, trends, and correlations using statistical techniques and machine learning algorithms.
* Develop predictive models and algorithms: Drive the development of advanced predictive models and algorithms to forecast outcomes, detect anomalies, and support risk management and decision-making processes.
* Conduct exploratory data analysis: Lead the team in conducting exploratory data analysis to uncover valuable insights, generate hypotheses for further investigation, and guide strategic initiatives.
* Apply machine learning algorithms: Utilize a wide range of machine learning algorithms, including regression, classification, clustering, and deep learning, to solve complex business problems and enhance applications.
* Train, validate, and optimize models: Lead the team in training, validating, and optimizing machine learning models using appropriate techniques, such as cross-validation, hyperparameter tuning, and feature selection.
* Collaborate with cross-functional teams: Work closely with software engineers, developers, and stakeholders to implement and deploy machine learning models into production environments, ensuring seamless integration and scalability.
* Communicate insights and recommendations: Prepare and deliver comprehensive presentations, reports, and dashboards to convey insights, findings, and recommendations to technical and non-technical audiences, influencing strategic decision-making.
* Data preparation and feature engineering: Lead the implementation of data cleaning, transformation, and feature engineering techniques to ensure high-quality data for analysis and modelling.

**Requirements**

* Proven work experience as an end-to-end Data Scientist across diverse business domains
* Ability to lead, motivate and organize team efforts through strong mentorship skills, technical prowess, and "2-steps ahead" business thinking.
* Solid understanding of mathematical and statistical modeling along with machine learning and AI algorithms (knowledge of Graph models and databases is a plus).
* Strong experience with data pre-processing methods and techniques.
* Robust experience with the machine learning cycle, from development and training to deployment and re-training.
* Knowledge of data mining and segmentation techniques.
* Expertise with cloud-based infrastructure (e.g. AWS or GCP).
* Expert capabilities with both SQL and Python, with an aptitude for data visualization
* Strong knowledge of MLOps

**Benefits**

* Competitive salary
* Pension Plan scheme as per company policy
* Premium Family medical insurance
* Unlimited annual leave policy
* Mentorship and career growth
* Entrepreneurial working environment
* Other benefits according to the company policy