Data Scientist for Groundbreaking AI innovation

Description

Job ID:39377

Purpose

We are a small team, yet we aim to revolutionize how our products provide value, using state-of-the art AI and machine learning.

To help us achieve that, you will analyze complex data sets, develop innovative models and innovative uses of, for example, GenAI algorithms. You will help us provide actionable insights that drive data-driven decision-making within our organization and with our customers.

Your work will have a direct impact on our business strategy, operations, and he satisfaction of our customers.

Responsibilities

- Data Analysis and Exploration: Conduct exploratory data analysis to identify trends, patterns, and relationships within large and complex data sets. Utilize statistical and machine learning techniques and data visualization tools to present findings in a clear and meaningful manner.
- Model Development: Develop and implement advanced analytical models, machine learning algorithms, and predictive models to solve business problems. This includes data preprocessing, feature engineering, model selection, and performance evaluation.
- Data engineering: Collect, clean, and preprocess large volumes of structured and unstructured data from various sources. This involves data wrangling, data integration, and data quality assessment and improvement to maximize accuracy and reliability.
- Decision support: Design decision making algorithms and loss functions for maximal effectiveness and robustness. Measure and manage risk, making sure that unwanted behavio is avoided. Conduct A/B testing and other experiments to measure the effectiveness of different strategies or interventions.
- Machine Learning Implementation: Collaborate with software engineers and developers to deploy machine learning models into production systems. Ensure scalability, efficiency, and reliability of the models while maintaining data privacy and security.
- Data Visualization: Create compelling data visualizations, dashboards, and reports to effectively communicate insights and recommendations to stakeholders. Present findings in a clear and concise manner to both technical and non-technical audiences.
- Collaboration and Communication: Work closely with – and within – cross-functional teams, including business analysts, data engineers, software developers, and domain experts, to understand business requirements and provide data-driven solutions. Clearly articulate complex concepts and methodologies to stakeholders at various levels of the organization.

Hiring organization
Candidate-1st

Employment Type
Full-time

Beginning of employment
asap

Job Location
Copenhagen, DK, 2100

Working Hours
40

Base Salary
euro EUR 105K - 187K *

Date posted
May 21, 2024

- Driving safety, quality and business improvements by ensuring that structures, systems, processes and procedures are co-ordinated, effective and efficient to meet business, commercial and management systems requirements whilst improving margin to meet business objectives.
- Continuous Learning and Improvement: Stay updated with the latest advancements in data science, machine learning, AI, and related fields. Explore new tools, techniques, and methodologies to enhance the team's capabilities and drive innovation.
- Liaise with other business areas/offices to ensure consistency in development and delivery of business/commercial services to internal and external clients.

Technical / Professional Qualifications / Requirements

- A Bachelor's degree in Computer Science, Statistics, Mathematics, or a related field. A Master's or Ph.D. degree is preferred.
- Proven experience as a Data Scientist or in a similar role, with a track record of successfully delivering data-driven solutions.
- Expertise in Python, along with knowledge of SQL and other database languages and formats for data manipulation and extraction
- Strong understanding of statistical concepts, machine learning algorithms, including LLMs and LFMs, and predictive modeling techniques.
- Experience with data visualization tools such as Matplotlib and Plotly – both static and interactive.
- Experienced in formulating and implementing project plans and strategies to meet operational objectives
- You must be customer focused. It is a plus if you are able to build sustainable, operational and commercial relationships and alliances
- You must be an experienced Docker user. Familiarity with big data technologies (e.g., Kubernetes, Hadoop, Spark) and cloud computing platforms (e.g., AWS, Azure) is a plus.
- Excellent problem-solving skills and the ability to work on multiple projects with competing priorities.
- Strong communication and presentation skills, with the ability to explain complex technical concepts to both technical and non-technical stakeholders.

Diversity and Inclusion at Lloyd's Register:

Together we are one Lloyd's Register, committed to developing an inclusive and safe workplace that embraces and celebrates diversity. We strive to ensure that all applicants to LR experience equality of opportunity and fair treatment, because we believe it is the right thing to do. We hope you do too.

As a Disability Confident Committed Employer, we have committed to:

- ensure our recruitment process is inclusive and accessible.
- communicating and promoting vacancies offering an interview to disabled people who meet the minimum criteria for the job.
- anticipating and providing reasonable adjustments as required
- supporting any existing employee who acquires a disability or long-

term health condition, enabling them to stay in work.
- at least one activity that will make a difference for disabled people.

Find out more about Disability Confident at: www.gov.uk/disability-confident

The Lloyd's Register Group comprises charities and non-charitable companies, with the latter supporting the charities in their main goal of enhancing the safety of life and property, at sea, on land and in the air – for the benefit of the public and the environment. ([Group entities]()).

How the process will look like

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play an even more important (and understood) part withing Brand New Day.

Job Benefits

EUR 105K – 187K *