Senior Data Scientist

- Remote Full-time
- 1-10 employees
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- Skills: Data Science, Web Scraping, +8 more

About the job

Job description
Job Title: Senior Data Scientist and software engineer
Company: Truman
Location: India
Truman is a company focused on disrupting the trust economy and revolutionizing the way people are recognized in the world, using cutting-edge technology and innovative approaches. As a Data Scientist at Truman, you will play a crucial role in leveraging data to build robust algorithms and process large amounts of unstructured, and structured data. You will have the opportunity to work with a talented and experienced team to develop new products and solutions that we believe will change the world.
Using a tech stack that includes GOLang, Neo4j, and various other advanced technologies, Truman is at the forefront of API development and data optimization. As a Data Scientist, your responsibilities will include scraping data, analyzing data, developing algorithms, and providing data-driven recommendations to enhance the performance and scalability of our backend systems. Proficiency in FastAPI, Open Source Intelligence (OSINT), Google NLP models, AWS cloud platform, RESTful and GraphQL APIs, as well as SQL, is essential for this role.
Key Responsibilities:

- Collaborate with the backend team to develop fast and robust api's leveraging data and applying machine learning techniques.
- Analyze data collected to enrich information about our users and their backgrounds
- Develop and optimize data processes using technologies such as Open Source Intelligence, Google NLP models, and GPT models.
- Ensure the security, scalability, and compliance of our backend systems, adhering to industry standards.

- Possess the ability to scrape data from various online sources and web platforms, and store and organize this data efficiently for analysis purposes.
- Apply Natural Language Processing (NLP) techniques to process and analyze large amounts of textual data, extracting meaningful insights and patterns.
- Demonstrate expertise in building robust and accurate algorithms for data analysis, predictive modeling, and machine learning applications.
- Employ advanced techniques to handle unstructured data and text mining tasks, including text classification, sentiment analysis, and entity recognition.
- Develop and implement scalable solutions for handling and processing big data, ensuring efficient storage, retrieval, and computation.
- Collaborate with data engineers to design and optimize data pipelines, ensuring smooth and reliable data ingestion and transformation.
- Continuously evaluate and improve the performance of data processing and analysis pipelines, implementing strategies to enhance efficiency, accuracy, and scalability.
- Stay up-to-date with the latest advancements in web scraping, NLP, and algorithm development, incorporating relevant techniques and methodologies into data science practices.
- Conduct thorough testing and validation of algorithms to ensure their robustness, accuracy, and generalization capabilities.
- Document and communicate algorithmic approaches, methodologies, and results effectively to both technical and non-technical stakeholders.

Requirements:

- Bachelor's degree in Computer Science, Engineering, Statistics, or a related field; a Master's degree is a plus.
- 5+ years of experience in data science, machine learning, or a related field.
- Proficiency in programming languages such as Python, R, or similar languages commonly used in data science.
- Strong knowledge of machine learning algorithms, statistical analysis, and data visualization techniques.
- Experience with data manipulation and analysis using SQL and other database query languages.
- Familiarity with data storage and processing technologies, such as Hadoop, Spark, or similar frameworks.
- Strong problem-solving and analytical skills, with the ability to work on complex data sets and derive actionable insights.

- Excellent communication and presentation skills, with the ability to explain complex concepts to non-technical stakeholders.
- Experience working with large-scale datasets and cloud platforms (e.g., AWS, Google Cloud) is a plus.
- A passion for innovation and a desire to make a significant impact in the industry.

Preferred (not necessary):

- Full-stack development experience.
- Knowledge of data engineering principles and tools.
- Experience with deep learning frameworks (e.g., TensorFlow, PyTorch).

At Truman, we value staying ahead of the curve by embracing emerging technologies and trends. As a Data Scientist, you will have the opportunity to contribute to our technology strategy and drive innovation in our industry.
If you are a talented and experienced Data Scientist with a passion for innovation and a dedication to excellence, we encourage you to apply for this exciting opportunity. Join us at Truman and be a part of changing the world.
To apply:
Please send your resume and any relevant work samples to tushar.mehrotra27@gmail.com or apply for the job through our post.