

Jr. Data Scientist

About the Job

We are looking for a highly motivated Junior Data Scientist to join our team and contribute to the development of data-driven solutions for industrial AI systems. Join a dynamic global team shaping the future of manufacturing with innovative technology. Your work will enhance safety, improve efficiency, and support the next generation of industrial professionals.

This is a hybrid position with 3 office days per week at our office in Hacettepe Teknokent.

Impact of Your Work

At PaneraTech, your work will have a tangible impact on global manufacturing. AI modules developed by Junior Data Scientists on our team are actively used in production at the Chicago plant of the largest steel manufacturer in the United States. This role provides a unique opportunity to contribute to solutions that drive real-world industrial transformation.

Who We Are

PaneraTech is a high-tech company that serves manufacturers in over 40 countries. Our disruptive technology offers unparalleled solutions that are often patent protected. Industries that use high-temperature processes, such as glass and steel, rely on PaneraTech to solve the major challenges they face. We leverage both AI and human expertise to improve efficiency, worker knowledge, and safety.

We help in two major areas:

- Asset Life Extension - With our patented solution in the glass and steel industry, we help manufacturers make data-driven decisions using sensors, data, and AI. This results in longer asset campaigns safely with higher annual production
- Enabling the next generation of workers - Heavy industries have relied on the experience of employees who worked for 20-30 years in one plant. As a generation of operators and engineers retire, we bridge the experience gap with technology, data, and expertise. We offer solutions to our customers to make their process more data-driven so that an early career workforce can flourish.

Working at PaneraTech

At PaneraTech, you will be part of a global, innovative and hybrid working team. Our corporate office is based in the United States with employees spread across Europe, Asia, and South America. Turkey office is in the Hacettepe Teknokent. In this collaborative and inspiring culture that is fostered by a creative and intellectually stimulating work environment, you will be encouraged to bring the best out of yourself and your colleagues. We are looking for professionals willing to work in a fast-paced environment, cannot wait to excel in their work and are crazy about improvement! We recognize our colleagues' achievements and both individual and team performance is valuable to us.



Requirements

- Bachelor's degree from a reputable university in Engineering, Mathematics, Statistics, Physics, or a related field
- CGPA higher than 3,5
- Experience with R, MATLAB, or Python
- Excellent command of English (verbal and written)
- Strong analytical thinking, problem-solving skills, and a data-driven mindset
- Curiosity and motivation to tackle technical challenges
- Detail-oriented, creative, and adaptable
- High integrity, reliability, and strong ethical standards
- Ability to work collaboratively within a team environment and across multiple departments
- A continuous learning mindset to stay up to date with the latest developments in data science

Key Responsibilities

- Work on data collection processes
- Oversee data quality and develop procedures to ensure high quality data (data cleaning)
- Work on data labeling
- Collaborate with stakeholders to understand the business side of industrial AI data
- Work on data processing
- Develop basic data analytics tools to extract insights from manufacturing processes

Benefits

At PaneraTech, we recognize that our employees are the driving force behind our success. We are committed to creating a positive and supportive work environment.

We offer:

- Competitive monthly net salary
- Private health insurance
- 18 days holiday per annum
- A transparent work environment
- An agile structure that values open communication and instant feedback
- Opportunities for personal and professional growth
- A global and diverse team dedicated to improving the company and every single colleague within



Application Instructions:

If you are interested in this opportunity, please submit your application by sending your CV to hadmin@paneratech.com

We look forward to reviewing your application and learning more about your qualifications.