Data Scientist (m/f/d)

Description

ABOUT US

At BASF Digital Hub Madrid we develop innovative digital solutions for BASF, create new exciting customer experiences and business growth, and drive efficiencies in processes, helping to strengthen BASF´s position as the digital leader in the chemical industry. We believe the right path is through creativity, trial and error and great people working and learning together. Become part of our team and develop the future with us – in a global team that embraces diversity and equal opportunities.

JOIN THE TEAM

Our team "Artificial Intelligence (AI) Solutions for Sales & Marketing" develops innovative solutions to derive insights from data that support better and faster business decisions. We implement data-driven solutions in its complete lifecycle for users in sales & marketing around the world

- We are looking for a talented Data Scientist Engineer to build Data Science & Gen AI applications for Sales & marketing

RESPONSIBILITIES

- You will be responsible for implementing AI solutions based on machine learning (ML) and data science for decision support along marketing & sales using leading AI technology.
- Special focus on Generative AI based solutions (using Large language models) with RAG architecture
- You will focus on data engineering and converting system data (e. g. Salesforce, SAP data) and data from external data sources into data pipelines for machine learning and simulation.
- You will support and improve ML Ops on AI Solutions with focus on predictions, forecasting, alerting and simulations.
- You will translate requirements of supply chain teams into AI solutions.
- You will support decisions on solution architecture and selecting the relevant tech stack based on user requirements.
- You will drive the sustainable implementation of AI-based supply chain solutions, including:
- Data integration for various AI Solutions
- Utilizing enterprise data lake concepts
- Integrating external data into [MLOps](#) frameworks
- You will guide and train new user teams in understanding data needs, data quality, data science, machine learning, and its relevance for supply chain planning.
- You will work with an interdisciplinary and diverse team in an agile set-up to create and visualize business insights from data previously hidden in silos.

QUALIFICATIONS

Hiring organization
Candidate-1st

Employment Type
Full-time

Beginning of employment
asap

Job Location
Madrid, ES

Working Hours
40

Base Salary
euro USD 97K - 178K *

Date posted
May 18, 2024

- Background in information technology, computational sciences, engineering, or other data-centric disciplines (B.Sc. or M.Sc.)
- More than 3 years of professional experience as a Computer Science, Engineering, Artificial Intelligence Architecture, Data and Machine Learning Engineering or equivalent, working in an agile environment.
- Hands-on experience working with large data sets, relational databases, establishing database connectivity, data integration and related technologies (SQL, Databricks, Kafka, etc.)
- Expert knowledge of Python with focus on machine learning and data science related libraries (e.g., Pandas, scikit-learn, TensorFlow, PyTorch etc.). Familiarity with object-oriented programming is a plus.
- Hands-on experience with MLOps processes (Continuous Integration/Continuous Deployment) and automating ML workflows (Microsoft Azure or other platforms)
- Experience with software development and version control, preferably for cloud based applications in an agile setup (e.g. Kanban, Scrum)
- Previous experience working with Microsoft Azure cloud environments, including developing using the azure queue storage service, azure core pipeline policies, and connecting to Azure SQL server using Python will be considered an asset.
- Excellent knowledge of spoken and written English.
- Experience working in agile (Scrum knowledge appreciated) with a DevOps mindset
- German language skills

BENEFITS

- Responsibility from day one in a challenging work environment and "on-the-job" training as part of a committed team.
- Adequate compensation according to your qualifications and experience • A secure work environment because your health, safety and wellbeing is always our top priority.
- Flexible work schedule and Home-office options, so that you can balance your working life and private life.
- Learning and development opportunities
- 23 holidays per year
- Another 5 days (readjustments days) and 2 days (cultural days)
- A collaborative, trustful and innovative work environment
- Being part of an international team and work in global projects
- Relocation assistance to Madrid provided

At BASF, the chemistry is right.

Because we are counting on innovative solutions, on sustainable actions, and on connected thinking. And on you. Become a part of our formula for success and develop the future with us – in a global team that embraces diversity and equal opportunities irrespective of gender, age, origin, sexual orientation, disability or belief.

Contact

Do you have any questions about the application process or the position? Please reach out to Elena Perez Tornos (elena.perez@partners.basf.com)

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

USD 97K – 178K *