

TÜV AUSTRIA BELGIUM NV – Data Engineer

What will you do?

TÜV Austria Belgium is looking for a highly qualified and motivated Senior Data Engineer to strengthen our team. In this role, you design and implement robust data pipelines, ensure data quality and data governance, and support advanced analytics and AI solutions through scalable data architectures.

Are you passionate about building reliable data ecosystems and leveraging modern cloud technologies? Then we look forward to receiving your application.

Key Responsibilities

- **Data Architecture & Pipelines:** Design, develop, and maintain scalable data pipelines and ETL processes for ingesting, transforming, and delivering structured and unstructured data.
- **Data Governance & Data Quality:** Implement governance frameworks, data catalogs, and quality monitoring processes to ensure compliance, integrity, and security across all data assets.
- **Data Integration & Storage:** Manage data lakes, data warehouses, and streaming platforms; optimize storage solutions for performance and cost efficiency.

- **AI & Analytics Enablement:** Prepare, enrich, and curate datasets for machine learning and advanced analytics projects, ensuring data scientists and AI engineers have seamless access to high-quality data.
- **Performance Optimization:** Monitor and optimize data workflows for speed, scalability, and resilience, across both cloud environments and on-premise infrastructure.
- **Collaboration:** Work closely with data scientists, software engineers, project managers, and other stakeholders to deliver end-to-end data solutions.
- **Continuous Improvement:** Stay up to date with new technologies in data engineering, big data, and cloud platforms, and promote best practices within the team.
- **Client Interaction:** Support clients in defining their data needs, present technical solutions, and advise on data-driven strategies.

What do we offer you?

- A role in which you actively contribute to the further development and growth of the Digital division within TÜV Austria, with impact on challenging data, analytics, and AI projects across various sectors.
- A supportive and collaborative work environment with an open and respectful company culture, where colleagues support each other and knowledge sharing is central.
- An organization that consciously reinvests its profits in employees, technology, and services, ensuring that you work in an environment that continually innovates and moves forward.
- Extensive opportunities for professional growth through training in data engineering, cloud platforms, big data technologies, data modeling, and AI enablement.

- A competitive salary supplemented with a comprehensive package of additional benefits, including:
 - Meal vouchers of 8 euros per working day and eco vouchers of 250 euros per year
 - Hospitalization insurance (including outpatient and dental care), group insurance, and the option to add family members
 - Year-end bonus
 - Mobile subscription and Bring Your Own Device allowance
 - Laptop
 - Company car with charging card or mobility budget
 - Flexible Income Plan with options such as extra leave days, purchase of telecom devices, bicycle leasing...
 - Seniority leave starting from 2 years
 - Flexible working hours, telework options, and attention to a healthy work-life balance

Who are you?

- Education: Bachelor's or Master's degree in Computer Science, Data Engineering, Information Systems, or related field.
- Experience: 3–5 years in data engineering, big data, or data platform development.
- Fluency in both written and spoken Dutch and English is required.

- Technical Skills:
 - Strong proficiency in Python and SQL; experience with distributed systems (Spark, Databricks).
 - Cloud Platforms:
 - Microsoft Azure: Azure Data Factory, Azure Data Lake Storage, Microsoft Fabric, Azure Cosmos DB.
 - Other Clouds: AWS (Glue, RDS, Athena, Redshift, S3), GCP (BigQuery, Dataflow).
 - Data Orchestration & Workflow: Airflow, Prefect, Dagster, ADF
 - Data transformation: dbt
 - Data Warehousing & Modeling: Snowflake, DuckDB, BigQuery.
 - Streaming & Real-Time Processing: Kafka, Azure Event Hub.
 - Visualization & BI: Power BI, Tableau.
 - Familiarity with CI/CD pipelines (Azure DevOps, GitHub Actions) and containerization (Docker, Kubernetes).
 - Infrastructure as Code: Terraform
- Analytical Thinking: Ability to design efficient data workflows and troubleshoot complex data issues.
- Communication: Clear and concise communication skills for technical and non-technical stakeholders.

- Ethical Standards: Commitment to data privacy, security, and compliance with relevant regulations.
- Bonus: Experience with MLOps and DataOps.

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