TÜV AUSTRIA BELGIUM NV – Senior Data Engineer

Wat ga je doen?

TÜV Austria Belgium is seeking a highly skilled and motivated Senior Data Engineer to join our team. In this role, you will design and implement robust data pipelines, ensure data quality and governance, and enable advanced analytics and AI solutions through scalable data architectures. If you are passionate about building reliable data ecosystems and leveraging modern cloud technologies, we invite you to apply.

Key Responsibilities

- Data Architecture & Pipelines: Design, develop, and maintain scalable data pipelines and ETL processes to ingest, transform, and deliver structured and unstructured data.

- Data Governance & Quality: Implement governance frameworks, data catalogs, and quality assurance processes to ensure compliance, integrity, and security of all data assets.

- Data Integration & Storage: Manage data lakes, warehouses, and streaming platforms; optimize storage solutions for performance and cost-efficiency.

- Enable AI & Analytics: Prepare and curate datasets for machine learning and advanced analytics projects, ensuring accessibility and reliability for data scientists and AI engineers.

- Performance Optimization: Monitor and optimize data workflows for speed, scalability, and resilience in cloud and on-prem environments.

- Collaboration: Work closely with cross-functional teams (data scientists, software engineers, project managers) to deliver end-to-end data solutions.

- Continuous Improvement: Stay updated on emerging technologies in data engineering, big data, and cloud platforms; drive adoption of best practices.

- Client Interaction: Support clients in understanding data requirements, present technical solutions, and provide expertise on data-driven strategies.

Wie ben jij?

- 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.

- 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.

- Fluency in both written and spoken Dutch and English is required.

Wat bieden bij jou aan?

- Opportunity to work on cutting-edge data and AI projects with diverse clients.

- Collaborative and supportive work environment.

- Continuous learning and professional development opportunities.

- Competitive salary and benefits package.

- Flexible working hours and work-life balance initiatives.

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