Nora Schaefer — Analytics Engineer

Years of Experience: 8
Associate in Computer Science

NORA SCHAEFER
Analytics Engineer
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SUMMARY
Results■driven Analytics Engineer with 8 years of experience spanning software development, data analysis, and data engineering across Europe. Skilled at building scalable data pipelines, implementing data warehouses, and turning complex datasets into actionable insights using Python, SQL, Spark, Snowflake, and modern BI tools. Passionate about leveraging technology to enable data■driven decision making for business stakeholders.

SKILLS
Python - SQL - Apache Spark - Snowflake - Airflow - Tableau - Power BI - Data Warehousing - ETL - Docker - Git - Agile Methodologies

EXPERIENCE

- Developed reusable machine■learning feature pipelines in Python, enabling rapid experimentation for data science teams.
- Integrated real■time dashboards with Power BI, providing actionable insights to marketing and sales stakeholders.
- Collaborated with data scientists to operationalise predictive models, ensuring version control and rollback capabilities.
- Mentored junior engineers on best practices for data pipeline development and performance tuning.

- Designed and rolled out a Snowflake■based data warehouse to consolidate transactional and behavioral data.
- Built scalable ETL pipelines using PySpark and dbt, achieving 99.9% data freshness for downstream analytics.
- Implemented data quality checks and monitoring via Great Expectations and Grafana dashboards.
- Optimised query performance and reduced storage costs by refactoring schemas and leveraging clustering.

- Collected, cleaned, and validated datasets from CRM, marketing, and financial systems using SQL and Python.
- Automated recurring data pipelines with Apache Airflow, reducing manual effort by 70%.
- Created interactive dashboards with Tableau, visualising key performance metrics for senior executives.
- Produced monthly analytics reports and presented findings to cross■functional teams.

- Developed web applications using Java and Spring Boot framework.
- Collaborated with product owners and designers to deliver Agile software increments.
- Implemented unit and integration tests to maintain code quality.
- Deployed applications to AWS Elastic Beanstalk and managed CI/CD pipelines.

EDUCATION
Associate - Computer Science 2015
Mannheim Institute of Technology - Mannheim, Germany