Marta Kovács — Analytics Engineer

Years of Experience: 13
Bootcamp / Diploma in Data Science

MARTA KOVÁCS
Analytics Engineer
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SUMMARY
Seasoned analytics professional with 13 years of progressive experience in data analysis, BI development, and data engineering across diverse European industries. Expert at designing scalable data pipelines, modeling analytics solutions, and delivering actionable insights through advanced SQL, Python, and modern data warehousing technologies. Proven ability to collaborate cross■functionally and mentor junior teams, driving enterprise■level data initiatives toward business value.

- SQL
- Python
- ETL Development
- Data Modeling
- Airflow
- Apache Spark
- dbt
- Snowflake
- Tableau
- Data Warehouse Design

EXPERIENCE

- Developed and maintained KPI dashboards for retail operations using Tableau, improving decision■making speed by 30%.
- Performed descriptive statistical analysis to support inventory optimization, reducing stockouts by 15%.
- Collaborated with marketing to segment customers, enhancing targeting precision and lift in ROI.

- Built automated reporting pipelines in Power BI for loan performance, cutting manual effort by 70%.
- Worked with product teams to define and validate key metrics, ensuring consistency across business units.
- Conducted ad■hoc data queries using SQL to investigate customer churn, informing retention strategies.

- Designed and implemented ELT processes using Python and Airflow, streamlining data movement and transformation.
- Architected relational data models to support cross■department analytics, enabling a unified view across the organization.
- Optimized SQL queries, reducing report latency by 25% and freeing up infrastructure resources.

- Developed scalable data pipelines in Apache Spark with Delta Lake, handling terabyte■scale daily ingestion.
- Integrated data sources into Snowflake and implemented row■level security, ensuring compliance and governance.
- Automated data quality checks using Great Expectations, decreasing error rates by 35%.

- Led migration of legacy BI models to dbt in Snowflake, modernizing the analytics stack and cutting maintenance overhead.
- Created reusable analytics packages, shortening reporting cycles by 40% and increasing analyst productivity.
- Mentored a team of three junior engineers on best practices for data modeling, fostering a culture of technical excellence.

EDUCATION

Bootcamp / Diploma - Data Science
Data Science Academy Europe - Berlin, Germany

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