

Elena Müller — Data Analyst

Years of Experience: 7

PhD in Information Systems

ELENA MÜLLER

Data Analyst

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SUMMARY

Data Analyst with 7 years of experience turning complex business problems into actionable insights through advanced analytics, predictive modeling, and data visualization. Adept at translating stakeholder needs into robust data solutions and driving data-driven decision making across multinational organizations.

- SQL
- Python
- R
- Tableau
- Power BI
- Statistical Modeling
- Data Mining
- Data Warehousing
- Machine Learning
- ETL (Apache Airflow)
- Data Governance

EXPERIENCE

- Led cross-functional analytics projects for Fortune 500 clients, improving operational efficiency by 15 % through data-driven process redesign.
- Developed predictive models in Python to forecast sales trends, achieving a 12 % increase in forecast accuracy.
- Coordinated data integration from multiple sources into a centralized data warehouse, reducing reporting latency by 30 %.
- Designed and maintained interactive dashboards in Tableau for senior leadership, visualizing key financial metrics and risk indicators.
- Automated monthly reporting pipelines using SQL and Python, cutting manual effort by 40 hours per month.
- Collaborated with data engineering teams to implement quality checks, improving data reliability across 10+ data sources.
- Conducted exploratory data analysis on large e-commerce datasets, uncovering insights that increased conversion rates by 8 %.
- Built and maintained ETL processes in Apache Airflow, ensuring timely delivery of data to downstream analytics applications.
- Presented findings to product and marketing teams, translating data stories into actionable product enhancements.

EDUCATION

PhD, Information Systems, University of Oxford, Oxford, UK - 2016