

Mariia Vysochina

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Data Engineer with 2+ years of experience and a strong 5-year background in Data Analytics. Specialized in designing and building scalable ETL/ELT pipelines, optimizing workflows and reducing operational costs. Adept at automating manual processes and enhancing cross-functional data accessibility. Proficient in Python, SQL, Airflow, GCP, Spark, and dbt.

SKILLS & TOOLS

Programming Languages: Python | SQL | Shell | Javascript

Data Tools: Google Cloud Platform (GCP) | BigQuery | Looker | Airflow | dbt | Spark

Containerization and Version Control: Docker | Git

Skills: Data Modeling | REST APIs

EXPERIENCE

Accelerate Change Network (Nonprofit startup)

US

Data Engineer

Oct 2022 - Present

- Developed scalable ETL/ELT pipelines in BigQuery and Airflow, leading end-to-end automation of data workflows, ensuring timely, complete, and consistent data for operations and analytics.
- Optimized Python scripts, reducing data processing time by 58%, improving the efficiency of 12M+ record processing.
- Mentored and guided a direct report in optimization of SQL queries, reducing query costs by 40%, optimizing storage efficiency, and enhancing analytics performance.
- Developed a Chrome extension that replaced Amplitude with BigQuery, cutting costs by \$50K+ annually and enhancing data security.

DemPro (Consulting & campaign management)

Remote (EU)

Sr. Data Analyst

Oct 2020 - Oct 2022

- Using data to drive actionable insights and recommendations to support growth, efficiency, and day-to-day operations for political consultancy in Eastern Europe, decreasing campaign budgets by up to 40%.
- Collaborated with qualitative data team to understand data needs and track key metrics, set up campaign dashboards and reporting in Looker to increase visibility for stakeholders and leadership, allowing them to make data-driven decisions.
- Analyzed historical YouTube performance data, developed content guidelines, and facilitated implementation workshops, resulting in a 30% increase in organic views across candidate channels.

PROJECTS

ChatFuel Chrome Extension

2023

- Developed a Chrome extension for internal data validation and fast analysis for a 250K+ subscriber database, reducing manual effort by 25% per month, improving data accuracy, and overcoming limitations of the product we are working with.
- Streamlined error detection in bot-building workflows, making troubleshooting accessible to non-technical users.

EDUCATION

Data Engineering Bootcamp - Top Performance Award

DataExpert.io
2024

Google Data Analytics Professional Certificate

Coursera | Google
2022

SQL (Advanced)

HackerRank
2022