Kathryn Kashitsyn
Data Engineer

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Data Engineer & Analytics Professional with 6+ years of experience leveraging data to build scalable analytical systems and optimize digital products. Skilled in Python, SQL, and ETL, with hands-on practice developing data pipelines, modeling, and reporting solutions. Passionate about transforming raw data into reliable, actionable insights to empower decision-making and innovation.

WORK EXPERIENCE

Alessons   **Brazil, Remote**
English language, communication and career training services for global IT & Tech Professionals
Analytics Engineer   August 2023 - Present

- Designed and deployed data pipelines using Python, Airflow, and AWS (Lambda, S3, Glue) to integrate behavioral, engagement, and feedback data — enabling a 20% increase in free-to-paid conversion through improved analytics accuracy and accessibility.
- Modeled and transformed user data in SQL and dbt, creating scalable fact and dimension tables for learner segmentation and retention analysis, resulting in a 15% reduction in churn across cohorts.
- Built and maintained ETL workflows connecting product usage, CRM, and LMS data, powering Tableau dashboards and product experimentation reports used by the cross-functional team.
- Developed data pipelines supporting curriculum analytics, enabling the measurement of skill progress and learning outcomes for 100+ tech professionals.

AKADEMIKA   **Moscow, Russia**
Microsoft Training Partner, Cloud Solutions Provider
Product Manager   October 2019 - August 2023

- Established a strategic partnership with Microsoft, setting operational and data-sharing frameworks to monitor product adoption, user engagement, and impact across multiple schools.
- Led the creation of a data platform to monitor learning analytics from multiple schools; implemented data ingestion using Python, Azure Blob Storage and Azure Data Factory
- Engaged with Microsoft to define governance and interoperability standards, enhancing data reliability and cross-platform integration.
- Managed full data lifecycle, such as collection, storage, processing, analytics and visualization, which improved data reliability, supported personalized user experiences, and enabled faster, more accurate product decisions.

EDUCATION

Eurasian Open Institute   **Moscow, Russia**
Bachelor of Marketing   July 2014

International Institute of Management LINK   **Moscow, Russia**
Bachelor of Linguistics   July 2011

CERTIFICATION

Google Data Analytics
Data Analyst   April 2025
Google Advanced Data Analytics
Data Scientist   August 2025
DataCamp: Data Engineer in Python
Data Engineer   October 2025

ADDITIONAL INFORMATION

Skills: Python, SQL, Apache Airflow, AWS Glue, Amazon Redshift, Snowflake, Tableau, Git, AWS, Azure, LangChain, LangGraph

Languages: English and Russian - native, Portuguese fluent