

Data Analyst with strong expertise in large-scale analytics, data pipelines, and statistical modeling. Experienced in transforming complex datasets into actionable insights for product, AI, and business teams. Skilled in Python, SQL, and Spark with a focus on experimentation, forecasting, and ETL optimization.

## Skills

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<b>Programming</b>	Python, SQL, R
<b>Big Data &amp; Pipelines</b>	Spark, Hadoop, YTsaurus, Airflow
<b>Databases</b>	ClickHouse, PostgreSQL, Vertica, SQLAlchemy
<b>Analytics &amp; BI</b>	Redash, Datalens, Superset, Tableau
<b>DevOps Tools</b>	Docker, Git, CI/CD, Bash
<b>Other</b>	A/B Testing, Statistics, Forecasting

## Experience

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<b>VK</b> — biggest social network in Russia and CIS, 600M+ users	Nov 2023 – Sep 2025
<i>Data Analyst</i>	
<ul style="list-style-type: none"><li>Developed cross-platform user matching and identifier pipelines, improving coverage by 2x and enhancing profiling accuracy across VK, OK, and Dzen ecosystems.</li><li>Designed and deployed a sociodemographic profiles data mart from user profiling, providing a centralized source used by ML, product, and advertising teams for improving ads targeting.</li><li>Migrated and optimized dashboards from Vertica to YTsaurus (Datalens, Superset), reducing dashboard load times by 30% and improving monitoring reliability.</li><li>Automated NPS/CSI metric calculations, enabling consistent health tracking and early anomaly detection for 10+ product teams.</li><li>Built anti-fraud and bot-detection analytics, increasing data trustworthiness and reducing noise in behavioral datasets.</li><li>Collaborated with product and ML teams, improving targeting and engagement metrics.</li></ul>	

<b>CRPT (Chestny Znak)</b> — national digital platform for product traceability	Sep 2022 – Nov 2023
<i>Data Analyst</i>	
<ul style="list-style-type: none"><li>Built a time-series forecasting model with Prophet for digital marking code demand, reducing forecast error (MAPE) by 4% and optimizing production planning countrywide.</li><li>Designed a Redash + Airflow data quality monitoring system for 30+ datasets, ensuring data accuracy and automated recovery pipelines.</li><li>Optimized complex analytical SQL reports, improving execution performance by up to 40% and enhancing BI dashboard responsiveness.</li><li>Conducted ad-hoc product analytics to support management decisions on national traceability initiatives.</li></ul>	

## Education

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<b>Katholische Universität Eichstätt-Ingolstadt</b>	2025
<i>M.Sc. in Data Science</i>	Ingolstadt, Germany
<b>ITMO University</b> GPA: 4.92/5, with distinction	2023 – 2025
<i>M.Sc. in Artificial Intelligence</i>	Saint Petersburg, Russia
Relevant coursework: DL, NLP, RecSys, ML System Design, MLOps, Orchestration, Big Data Analysis.	
<b>Saint Petersburg State University</b> Specialization: Statistical modeling	2018 – 2022
<i>B.Sc. in Applied Mathematics and Computer Science</i>	Saint Petersburg, Russia
Relevant coursework: Probability and Statistics, A/B Testing, Data Processing, Algorithmic Methods.	