Oleg Lem | Senior Antifraud Analyst

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Hard Skills: SQL (DataBricks, BigQuery), Python (Pandas), A/B Testing, BI (Tableau), Airflow, Data Analysis, Machine Learning, Statistical analysis

Summary

Data Analyst with 4+ years of experience in fintech and anti-fraud analytics. Specialized in monitoring high-risk user behavior, anomaly investigation, rule-based detection and fraud-loss prevention. Built automated alerting systems, fraud dashboards and verification optimization pipelines that improved time-to-detect and reduced fraud losses.

Professional Experience

Senior Data Analyst | Data-Driven Lab — Jun 2025 - Present

Global brokerage/fintech serving 27M+ customers worldwide; verification team

- Architected a KPI/metric tree that gave product view for stakeholders and reduced time for ad-hoc analytics by 17%;
- Diagnosed (data analysis, SQL) a sudden drop in key KPI and traced the root cause to a new ad campaign; after remediation, lifted the KPI by 24%;
- Developed 6 product health dashboards (Tableau, DataBricks) for a 10-person cross-team group, reducing decision-making time by 20%;
- Developed an automated real-time reporting system (SQL, Slack API) for Support team, raising CSAT by 10% and reducing verification processing time by 9%;

Middle Data Analyst | Toloka — Jul 2024 - Jun 2025

Human-in-the-loop AI data labeling startup; anti-fraud & verification team

- Migrated (python, SQL, Airflow, Databricks) a complex anti-fraud rule engine (40+ rules) to a new infrastructure by deadline, launching with 0 critical regressions and maintaining prior security posture;
- Deployed (python, SQL, Airflow) an automated client-activity monitoring tool with alerting, improving time-to-detect by 47% and preventing losses of $3K per blocked fraudulent clients;
- Introduced new verification processes, raising fake-document detection by 21% via behavioral pattern analysis and threshold tuning;
- Developed dashboards (Tableau, Airflow) for fraud ops, cutting manual triage/review time by 70% by centralizing KPIs and case drill-downs across products;

Middle Data Analyst | Simpals — Jul 2023 - Jun 2024

Moldova’s leading classifieds/marketplace with ~4M visits monthly; cross-stream analytics team

- Implemented A/B testing framework (GrowthBook), cutting time-to-launch A/B tests by 40% and doubling monthly test runs, enabling PM self-serve;
- Trained 6 product managers in SQL with templates and workshops, tripling self-serve queries and freeing 20% of analyst time weekly;
- Developed eight product-health dashboards (Tableau, Looker Studio) used by 20+ stakeholders, reduced decision-making time by 10%;
- Assessed advertising initiatives (Data analysis) and reallocated spend to higher-ROI channels, improving CAC/LTV by 14%;
- Established quarterly KPI trees with PMs, raising the share of initiatives with measurable success metrics and improving plan accuracy by 35%;
- Authored specs for web and mobile features and reduced rework and delivery cycle time by 15%;
- Automated data-quality monitoring (Python, SQL, Google BigQuery), reducing data-incident MTTR by ~30% through scheduled tests and alerting jobs;

Data Analyst | MegaFon Sep 2021 - Jul 2023
Top-2 telecom operator in Russia with 70M customers; lean & loyalty product

- Developed a personalized ML (python, SQL) model for a loyalty product, increased retention by 5% and acceptance rate by ~23%;
- Developed an A/B control dashboard (Tableau, SQL) used by 12+ stakeholders, reduced decision-making time by 15% and reduced time for ad-hoc analytics by 25%.
- Ran 10+ A/B experiments (Python, statistical analysis), cumulatively increasing revenue by 9% and retention by 4%;

Design Engineer | Ilyushin Aviation Complex Feb 2018 - Aug 2021
End-to-end aerospace manufacturer: from concept to manufacturing and lifecycle support

- Automated routine workflows with scripts, saving 25+ engineer-hours per month and standardizing reporting;
- Mentored 4 junior engineers, cutting onboarding time by 20%;
- Modeled complex parametric 3D models to meet cross-functional specs (Siemens NX, Teamcenter);

Education

Master of Engineering, Aircraft and helicopter industry | Moscow Aviation Institute, 2013 - 2018

Soft Skills: Storytelling, Product sense