Valeriya Niskorodova

⊕ DATA ANALYST

Summary

- 1.5+ years of experience summarizing large amounts of data into reports to drive business decisions
- Knowledge of data-warehousing, data marts (including star and snowflake schemas), ETL tools
- Experience in product analysis from a 6-month bootcamp course (unit economics; cohort analysis; product metrics; event analytics; A/B testing) – please see the project details on LinkedIn
- Domain expertise: detailed knowledge of financial products (cards, accounts, loyalty programs)
- Data visualization; development of dashboards/reports in Tableau
- Development: SQL, Python, R
- Databases: PostgresSQL/MySQL, ClickHouse, GreenPlum
- Visualization: Python (pandas, matplotlib.pyplot, Seaborn, plotly), Tableau, Excel
- Tools: DBeaver, SAS DI, Jupyter, GitHub

🚀 WORK EXPERIENCE

Business Analyst | | Moscow   March 2021 – June 2022

Maintained the data warehouse of a Top-3 Russian bank:

- Optimized, tested, implemented, and maintained a library of ETL procedures supporting large volumes of data
- Developed and optimized reports to meet clients' operational and executive needs (multiple data marts)
- Optimized database queries and processes in a number of projects:
  - Improved several Loyalty program processes. The number of customer complaints decreased by half, the number of incorrectly disqualified participants dropped by 25%
  - Optimized the data mart to save the client analysts over 6 hours per week
- Worked with senior analysts on database design and architecture for rebuilding data model in a customer data warehouse and adding new subject area in a dimensional data store
- Developed queries and processes for data migration from legacy systems

- Analyzed customer data warehouse incidents; diagnosed source data problems and ETL processes
- Prepared technical specification for ETL processes and compliance; performed clients training
- Provided analytical support to Marketing, BI, and Finance departments

Stack: GreenPlum (PostgreSQL), ClickHouse, GitHub, SAS DI, Jira

Math Tutor | Moscow   April 2019 – present

Teaching middle and high school students, preparing for graduation exams, and math competitions.

EDUCATION

BS in Biotechnical Systems and Technologies | Bauman Moscow State   2020
Technical University | Moscow

Data analytics bootcamp by Practicum | Yandex | Moscow   2021

ADDITIONAL INFORMATION

Research experience:

Burnasyan Federal Medical Biophysical Center | October 2018 – April 2019
Moscow

Tested an experimental device for measuring the acoustic reflex of the eardrum – data collection and analysis

Volunteer experience:

AIESEC | Moscow   2015-2016

Organized conferences and seminars. Achieved 100% placement of AIESEC interns

Hobbies – Photography, Theater, and Sport (jogging, gym, hiking)