

# ALEKSANDR NIKITIN

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## Data Analyst

With a Master of Science in Geoscience and over 12 years of experience working with geophysical data, I joined a Fintech company as a Data Analyst in June 2021. I am skilled in data analysis, project management, and have strong communication skills. Strong technical background, critical and business-oriented thinking, know how to focus and get things done. I am committed to continuous learning and am proficient in English (C1 level).

## Technical Skills

- Python, Pandas, Numpy, sklearn
- Seaborn, Matplotlib, Plotly
- SQL (Oracle, ClickHouse)
- Git, Airflow
- scipy.stats, statsmodels
- A/B testing, bootstrap, cuped
- Tableau, Power Bi, Redash
- Product metrics
- Unit economics
- Stakeholder management
- Reporting and presentations
- MS Excel, PowerPoint, Word, Project

## Work Experience

**2021 – Present: Data Analyst → Middle Data Analyst,**  
**Tochka Bank**

Utilize Python and SQL on a daily basis to provide business with data-driven decisions:

- design and conduct A/B experiments to validate ML models performance
- developed and implemented a churn metrics system that detects early warning signals of potential customer churn, enabling the company to take proactive measures to increase retention rates
- discover and analyze new data sources that are used in the development of new products
- develop and maintain ETL scripts that run daily, saving hours of work per week
- make data sources user-friendly and accessible for sales and client retention teams
- utilize data to identify insights
- present analytical reports to colleagues, product teams, and internal customers
- facilitate team meetings including daily scrums, sprint planning sessions, and retro meetings

**2015 – 2020: Head of Data Processing Department → CTO,**  
**Geology Without Limits Group**

Was in charge of development a new marine seismic data acquisition technology, leading offshore seismic data acquisition and processing projects, business development, product management:

- organized and managed 2 offshore seismic data acquisition projects (Caribbean Basin, Norway)
- supervised 3 seismic data processing projects
- developed with a team a new marine long-offset seismic data acquisition technology
- managed full-cycle R&D process and manufacturing of 3 revisions of seismic recording units
- secured 300k USD investments for equipment trials
- 8 technical abstracts and presentations on Geophysical conferences and workshops worldwide
- adopted Kanban for the company

**2010 – 2015: Data Processing Geophysicist → Senior Data Processing**  
**Geophysicist → Lead Data Processing Geophysicist,**  
**Seismo-Shelf LLC**

Participated in different offshore seismic data acquisition and processing projects worldwide (Russian Arctics, India, Bulgaria, Norway, Kazakhstan):

- spent 1 year living in India and processing seismic data for ONGC
- spent 6 months living in Norway and processing seismic data for Wintershall
- built velocity tomographic models for 3 deep crustal research projects
- equipment maintenance and data QC on 5 offshore 4C nodes seismic surveys
- seismic data processing training for new employees (data processing software: Focus, Echos, GeoDepth, SeisSpace ProMAX, Vista 2D/3D, X-Tomo)

**2008 – 2010: Junior Seismic Data Processing Geophysicist,**

**All-Russia Petroleum Research Exploration Institute (VNIGRI)**

Seismic data analysis and interpretation, Eastern Siberia Regional Department:

- seismic data analysis and interpretation
- seismo-geological modeling activities and calculations of reserves
- AVO-modeling technical abstract and presentation on scientific conference for young geoscientists

## Education

**2005 – 2010: Master of Science – MS, Geophysics and Seismology**

Majored in Seismic Data Processing, Analysis and Interpretation

National mineral resources university (University of mines), Saint-Petersburg, Russia

## Professional Retraining & Certifications

- 02 / 2023: Online Experiment Design and Analysis, Udacity — Google, 1 month
- 07 / 2022: Teamlead 101, Stratoplan Management School, 2 months
- 05 / 2022: Sklearn ML course, France Université Numérique, 3 months
- 06 / 2021: Data Analysis Course, karpov.courses, 5 month
- 05 / 2021: Data Analysis Course, Tinkoff and Moscow State University, 3 months
- 03 / 2021: Data Analyst Professional Development Programme, Yandex Practicum, 2 months
- 03 / 2021: Data Literacy Project, Qlik Q & Accenture, 1 month
- 12 / 2020: Fintech Trends, Tinkoff Education, 3 months
- 10 / 2020: Data Science Math Skills, Coursera — Duke University, 1 month
- 07 / 2020: Computer Science Career Path, Codecademy, 5 months
- 02 / 2018: English for Career Development, Coursera — University of Pennsylvania, 1 month
- 10 / 2015: Fundamentals of Project Management, Coursera — University of Virginia, 1 month
- 12 / 2014: Introduction to Linux, Bioinformatics Institute, 1 month
- 04 / 2014: IELTS Academic, (Overall Band Score 7.0 - Proficient English User (C1)), 3 months

## Achievements

- Tochka Conf 2023 speaker (a talk on A/B testing culture)
- An article on matching two open data datasets with help of Machine Learning ([go to the article](#))
- Winner of an internal Tochka Bank Data Analyst Hackathon 2022
- Data Analytics Spring Meetup 2022 speaker
- The 7th place at the open Data Analyst 2021 competition held by Career Factory
- The Starstruck badge for a GitHub repository that has many stars. As of today, my GitHub account has a total of 109 followers, 92 stars, and 26 forks.

## Data Analysis Portfolio on GitHub

[Go to the repository](#)