

# VLADIMIR KOMAROV

Prague, Czech Republic

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## Work Experience

### DHL Express

September 2022 – September 2023

*Business Control Analyst*

*Prague, Czech Republic*

- Successfully transitioned Excel dashboards to PowerBi and built new ones from scratch, creating over 20 dashboards for Central and East Europe countries. Streamlined reporting processes, enhancing data visualization and accessibility
- Developed highly successful dashboards, including ESG, Finance, and P&L dashboards, which were adopted as templates for broader use within the company. Contributed to standardizing reporting practices
- Faced the challenge of handling numerous KPIs and effectively identified and prioritized the most valuable ones
- Regularly gathered and analyzed feedback from stakeholders to enhance dashboard effectiveness

### Advanced Analytics and Data Science

January 2021 – December 2022

*Data Analyst*

*Prague, Czech Republic*

- Participated in five major start-to-end projects, contributing to the creation and implementation of semantic rules for license plates across various countries, including all 50 states of America, Canada, Mexico, and Central Asia region
- Utilized tools such as Google Sheets, MS Excel, and Python for data analysis and integration from internal and external sources, handling diverse data types including text, numbers and images. Managed diverse data types, including text, numbers, and images, and conducted data cleaning and transformation for subsequent machine learning applications
- Maintained regular contact with clients, providing monthly updates on project status and milestones
- Presented project results to clients as a team, showcasing the gathered data and the successful implementation of semantic rules. Effectively communicated the project's impact and outcomes.

## Education

### Prague University of Economics and Business (Bachelor's degree)

September 2020 – May 2023

*Faculty of Informatics and Statistics. Specialty – Statistical Methods in Economy*

*Prague, Czech Republic*

## Projects

### Future's price analysis | *R, Rugarch, GARCH models, Overleaf*

- Conducted comprehensive research and analysis on the return volatility of natural gas and crude oil futures markets from 2010 to 2023, contributing to a deeper understanding of market dynamics
- Successfully identified key factors responsible for the high volatility observed in these markets, including supply and demand fluctuations, political instability, and governance influences
- Applied advanced GARCH models, determining the most suitable model for each commodity
- Calculated Value at Risk (VaR) for risk management purposes, showcasing the ability to quantify and manage financial risk in dynamic and volatile markets

### Telegram Sales Report(Case Study) | *Python, Telebot, Product Metrics*

- Assisted in establishing an effective system to monitor the daily performance of the sales department at a fast-growing English language learning startup, contributing to data-driven decision-making
- Identifying and selecting three key metrics that offer a concise daily overview of sales performance
- Developed a Telegram bot that automates the delivery of these crucial sales metrics directly to the manager's Telegram account, ensuring real-time access to sales data

## Skills

**Technical : Python**(Data Analysis, Pandas, NumPy, Seaborn, A/B testing, Web Scraping, Scikit-learn), **R**(Data Analysis, Time Series, Ggplot, Dplyr, Tidyverse), **Power BI and Tableau**(Data modeling, Constructing KPIs, Data Cleaning, Visualization, Interactive Dashboards), **SQL**(Basic and Advanced Queries, Window functions, Updating/Channing database, RDBMS, MySQL), Developer Tool(**VS Code**)

**Languages: Russian** (Native Speaker), **English** (C1), **Czech** (B2)

## Extra activities and hobbies

**Design:** Engage in design activities using tools like **Figma**, **Blender** and **TouchDesigner** (basic knowledge)

**GameDev:** Pursue interests in game development with a foundational understanding of **Unity**