VLADIMIR KOMAROV

Prague, Czech Republic

📞 +420776179712 ✉ komarov.vladm@gmail.com 💼 LinkedIn ⌗ Project Portfolio

Work Experience

DHL Express — **September 2022 – September 2023**
Business Control Analyst — *Prague, Czech Republic*

- Developed and optimized Power BI dashboards for DHL employees across Central and Eastern Europe, as well as other regions
- Transformed existing Excel dashboards and designed new ones from scratch, considering effective KPIs, data structures, and end-user requirements
- Created financial and comprehensive ESG dashboards, adopted as templates for broader use
- Implemented Row-Level Security (RLS) for secure and personalized data access
- Analyzed user feedback to modify and enhance dashboards, ensuring evolving needs

Advanced Analytics and Data Science — **January 2021 – December 2021**
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
- Conducted data cleaning and its validation for future machine learning steps
- Presented projects results to clients as a team, showcasing the implemented semantic rules

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 to these commodities, 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

Technical Skills

Python(Data Analysis, Pandas, NumPy, Seaborn, A/B testing, Web Scraping, Scikit-lear), **R**(Data Analysis, Time Series, Ggplot, Dplyr, Tidyverse),**Power BI a**nd **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**)

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**