

Katsiaryna Pukhouskaya

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SUMMARY

Junior Data Analyst skilled in data cleaning, analysis, and visualization. Third-year technical-informatics student at AGH Kraków. Proficient in Python (Pandas, NumPy), SQL, Excel; experienced with dashboards (Looker Studio, Tableau) and predictive models.

EXPERIENCE

Copywriter

Freelance

April 2025 - May 2025, Remote

- Assisted in editing and structuring thesis and coursework in law, improving content originality by over 50% on average.
- Applied advanced writing and proofreading techniques using plagiarism detection tools and citation management, contributing to a 50%+ average improvement in originality score across ~50 academic projects.
- Delivered structured and polished drafts with clear logical flow, helping clients achieve better readability and academic coherence.

Banquet Server

Go4Work

May 2024 - February 2025, Kraków, Poland

- Coordinated event setup for 10+ large-scale banquets, collaborating with cross-functional teams to ensure smooth operations and maintain 95%+ guest satisfaction ratings.
- Delivered food and beverage service for events of up to 300 guests per shift, consistently achieving an average guest satisfaction score exceeding 95% based on post-event survey metrics.
- Assisted with post-event breakdown for 100+ tables and serving areas, maintaining a fast turnover pace and ensuring venue readiness for next-day operations.

PROJECT

Real Estate Price Analysis — Kraków Property Trends

August 2025 - Present

- Collected and cleaned real estate datasets from public sources (Kaggle, Otodom) — over 1,200 property records including price, district, apartment size, floor, year built, and amenities.
- Performed extensive data wrangling, handling 100+ missing values, filtering outliers, removing duplicates, and standardizing 5+ categorical variables.
- Engineered 4 new features (e.g. price per m², property type, distance to city center) to increase model interpretability and predictive accuracy.
- Built and optimised a multiple linear regression model to predict apartment prices, achieving an R² score of ~0.78 and highlighting key pricing drivers (e.g., size, location, building age).
- Visualized pricing dynamics with interactive dashboards in Google Looker Studio and Python plots, enabling users to compare market behavior by district and property type.

E-learning Data Analytics (Practical Project)

June 2025 - July 2025

- Extracted, cleaned, and analysed over 5,000 rows of student engagement data using Python (Pandas), identifying trends in behavioural activity and academic performance.
- Performed data analysis on core learning metrics including session duration, course completion rate, quiz results, and assignment submissions using Python and SQL.

- Identified behavioural patterns such as login frequency, inactivity gaps, and clickstream behaviour to segment at-risk students and propose targeted interventions.
- Built and evaluated a logistic regression model to forecast student dropout probability, achieving ~85% accuracy and supporting retention strategies.
- Designed and implemented interactive dashboards in Tableau to track student engagement KPIs.

Sales Performance Dashboard

May 2025 - June 2025

- Built a sales performance dashboard in Google Looker Studio by connecting real-time data from Google Sheets, enabling tracking of 6+ core sales KPIs.
- Transformed and cleaned raw sales data using Excel formulas and pivot tables, processing over 2,000 transaction records across 5 product categories.
- Defined and calculated key performance indicators such as monthly revenue, average order value, product category performance, and sales conversion rates.
- Implemented filter controls and drill-downs for custom reporting by region, time period, and product type, improving reporting flexibility.
- Designed visualizations using Tableau that enabled inventory and sales managers to identify top-performing products and seasonal trends across a 3-month sales window.

EDUCATION

B.Sc. in Technical and IT Education

Minor in Computational Engineering • AGH University of Science and Technology • Kraków, Poland

- Coursework (Syllabus): Information Technology, Statistical Data Analysis, Economics, Intellectual Property Protection, Internet Engineering, CAM Systems, Control Theory Basics, Communication in New Media, Personal Development, Structured and Object-Oriented Programming, Office Application Development, Computer-Aided Design (CAD), Engineering Graphics, Databases, Operating Systems, Computer Networks, Educational Technology, Pedagogy I, Introduction to Psychology, IT Didactics (I & II)

Associate's in Software Engineering

College of Business and Law • Minsk, Belarus • 2022 • 9.1/10

- Focused on software development, database systems, computer architecture, and network administration.
- Gained practical experience in coding, system design, and technical documentation.

SKILLS

- Python (Pandas, NumPy, Seaborn, Matplotlib), SQL (PostgreSQL / MySQL), MS Excel (pivot tables, VLOOKUP, conditional formatting, charts), Tableau, Power BI, Google Looker Studio, Google Sheets, Matplotlib, Jupyter Notebook, Dashboards, KPI tracking, time series visualizations, version control: Git / GitHub.
- Communication, storytelling abilities, critical thinking, team working, time management.
- English: Intermediate (B2)
- Polish: Fluent (C1)
- Russian: Native(C2)
- Belarusian: Native(C2)