Bohdan Kudelia

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Education

Kyiv Polytechnic Institute (KPI) *2024 – 2028*

Bachelor's Degree in Applied Mathematics, Kyiv, Ukraine

- Coursework includes: Statistical Analysis, Mathematical Modeling, Data Structures, Python Programming.
- Engaged in applied mathematics projects with focus on practical problem solving and data analysis.

Projects

GIF-Maker | *Python, PIL, Tkinter*

- Built a Python-based desktop application for creating animated GIF content from image sequences.
- Implemented user-friendly GUI with customizable frame rates, compression settings, and preview functionality.
- Optimized image processing algorithms to handle large datasets efficiently while maintaining quality.

Data Analyst Pet Projects | *Python, Pandas, Matplotlib, Seaborn, Jupyter*

- Created collection of Jupyter notebooks showcasing comprehensive data analysis workflows.
- Applied advanced data cleaning, statistical analysis, and visualization techniques to real-world datasets.
- Developed reusable data processing pipelines and documented best practices for future projects.

Kaggle Automation | *Python, Kaggle API, Pandas*

- Automated Kaggle competition workflows including dataset downloading, preprocessing, and submission formatting.
- Built modular scripts for rapid prototyping and testing of machine learning models.
- Integrated automated data validation and quality checks to ensure consistent preprocessing standards.

Experience

Freelance Python Developer & Data Analyst *June 2025 – August 2025*

Remote

- Developed and optimized Python scripts for task automation, improving client efficiency by 40% and reducing manual workload.
- Created and maintained Jupyter notebooks for comprehensive data analysis and automated reporting systems.
- Collaborated directly with clients to clarify technical requirements and deliver tailored solutions within tight deadlines.
- Provided ongoing technical support and documentation for implemented solutions.

Skills

Programming: Python (Pandas, NumPy, Matplotlib, Seaborn), SQL

Databases: PostgreSQL, MySQL

Tools & Technologies: Jupyter Notebook, Git, GitHub, Docker, Kaggle API

Data Analysis: Data Cleaning, Statistical Analysis, Data Visualization, Automated Reporting