Viktoriia Tytarenko

Junior Data Analyst | Burton-on-Trent, UK

A highly motivated and analytical Computer Science graduate (First Class) with a strong foundation in data analysis, programming, and problem-solving. Proven ability to manage projects from concept to completion, using technical skills in Python, SQL, and data visualisation to derive actionable insights. A quick learner seeking a work placement to apply and expand my skills in a practical business environment, contributing to data-driven solutions across various sectors.

Contacts

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GitHub: https:/github.com/Toressy
Portfolio: https://toressy.github.io/Portfolio_Viktoriia/
Kaggle: https://www.kaggle.com/toressy

Technical & Professional Skills

Programming & Databases: Python (Pandas, NumPy), SQL (MySQL, MS SQL)
Data Visualisation: Tableau, Power BI, Excel (Advanced), Matplotlib
BI & Reporting: Dashboard Design, KPI Tracking, EDA, Data Cleaning
Cloud & Platforms: AWS (EC2, S3), API Integration, Hugging Face
Languages: English (Fluent) | Ukrainian (Native) | Russian (Fluent)

Projects

Road Accidents Dashboard | Tableau, Data Visualisation, EDA | [GitHub Repo]

- Analysed UK road accident data to identify high-risk areas and trends. Delivered actionable insights through interactive visuals.

Real-Time Weather Dashboard | Power BI | [GitHub]

- Created a live dashboard using API data to monitor weather and air quality across UK cities. Demonstrated ETL skills and real-time reporting.

Airplane Fleet Database | SQL, Data Modeling | [GitHub Repo]

- Designed and implemented a normalised (3NF) SQL database with automated reporting features, ensuring data integrity and usability for operational analytics.

Diabetes Prediction Model | Python, Pandas, Scikit-learn | [Kaggle]

- Performed exploratory data analysis and built a predictive model, achieving 99.64% accuracy, showcasing strong skills in data cleaning, pattern recognition, and statistical modelling.

Graph-Based Summariser | Python, NLP, BERT, PageRank | [GitHub]

- Engineered an NLP summarisation system leveraging SBERT and graph algorithms (PageRank), achieving a high coherence score (BERTScore: 0.892).

Experience

Stockroom Assistant | British Heart Foundation, Burton on Trent, UK | June 2024 – July 2024

- Managed inventory data and supported operational workflows
- Developed attention to detail and time management in a fast-paced retail setting

Assistant | CHECK IN SEA, Kyiv, Ukraine | June 2021 – August 2021

- Maintained client databases and ensured data accuracy
- Supported documentation and administrative coordination

Education

BSc Computer Science (First Class) | University of Derby, Derby, UK | 2022 – 2025

- *Key Modules:* Software Development, Cloud Computing, Database Systems
- *Dissertation:* "Graph-Based Extractive Summarisation Using Transformers" – Leveraged S-BERT and PageRank to optimise summary coherence.

Applied Mathematics | Taras Shevchenko National University of Kyiv, Ukraine | 2020 – 2023

- Advanced studies in Discrete Mathematics, Probability Theory, and Mathematical Statistics, providing a strong foundation for data analysis.

Available immediately. Eligible to work in the UK and open to vetting procedures.