MARIIA ZAREMBA

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SUMMARY

Results-driven Data Analyst with a strong foundation in mathematics and computer science, specializing in extracting actionable insights to support data-driven decision-making. Skilled in Python, SQL, machine learning, and visualization, with a passion for turning complex data into meaningful business insights.

PROFESSIONAL EXPERIENCE AND ACCOMPLISHMENTS

Data Analyst Intern (Volunteer)
We Rise 4 Wellness, Inc   Oct 2024 - Jan 2025

- Conducted data analysis to assess the relationship between access to nature and mental well-being in urban environments.
- Collected and cleaned large datasets from public sources (Kaggle, government databases) for statistical analysis.
- Developed and presented Tableau dashboards with interactive geospatial analysis.
- Presented insights to stakeholders, supporting data-driven decision-making for community wellness programs.

Retail Inventory Analysis
CareerFoundry   Jan 2024 - Feb 2024

- Generated data-driven recommendations to optimize inventory and customer engagement based on geographic, demographic, and purchase data.
- Provided actionable insights for regional inventory management and customer prioritization strategies.

Technologies: PostgreSQL, DbVisualizer, Excel.

Instacart Customer Analysis
CareerFoundry   Dec 2023 - Jan 2024

- Performed customer segmentation analysis on auto-scraped open-source data to identify purchasing trends across demographics (region, age, income).
- Developed insights to guide tailored marketing strategies for specific customer segments.

Technologies: Python (pandas, matplotlib), Excel.

Influenza Season Staffing Requirements
CareerFoundry   Nov 2023 - Dec 2023

- Analyzed seasonality patterns in historical CDC data to forecast staffing demand for a national medical agency.
- Conducted trend analysis to highlight key insights for flu season resource planning.
- Created a Tableau dashboard to visualize staffing needs across seasons for data-driven stakeholder decisions.

Technologies: Excel, Tableau.

QA Engineer (Quality Assurance)
G5 Entertainment AB, Kharkiv, Ukraine   Nov 2015 – May 2019

- Managed the QA process to ensure the timely release of games across multiple platforms.
- Prepared test plans and assigned tasks to the team, ensuring smooth execution.
- Optimized project timelines, enabling on-time game releases and reducing post-release bugs by **20%**.
- Conducted rigorous testing, leading to improved game quality and increased user satisfaction.

Teacher of Mathematics and Computer Science
Boiko School, Kharkiv, Ukraine   Sep 2010 – Aug 2015

- Engaged students in learning complex computer science concepts. Taught computer science, prepared materials to explain new topics in algebra and geometry, and developed engaging course materials. Achieved full enrollment in optional computer science classes, demonstrating high student interest and satisfaction.
- Developed course materials and engaged students in learning complex concepts.

SKILLS

Programming & Scripting Languages: Python, SQL

Data Analytics & Visualization: Tableau, Matplotlib, Seaborn

Databases: PostgreSQL, MySQL

Tools & Technologies: Google Sheets, Excel, Jupyter Notebook, DbVisualizer, Dataiku

Machine Learning & Statistical Analysis: Regression, Clustering, Predictive Modeling

Data Cleaning & ETL Processes: Pandas, NumPy, SQL Queries, Data Wrangling

Collaboration & Methodologies: Jira, Slack

CERTIFICATES

- **Dataiku Core Designer Certificate –** Dataiku**, 2025**
- **Associate Data Analyst** - DataCamp, **2025**
- **Data Analytics Course** – CareerFoundry, **2024**
- **Machine Learning With Python** – CareerFoundry, **2024**
- **Python Data Analysis & Visualization Masterclass** – Udemy, **2024**

EDUCATION

V. N. Karazin National University, Kharkiv, Ukraine
- **Master's Degree in Computer Science** – 2010
- **Bachelor's Degree in Applied Mathematics** – 2009

https://github.com/MariiaZaremba   https://www.mariiazarembaportfolio.com