

TETIANA SEMENCHUK

Address: Newcastle upon Tyne NE13, UK

Mobile: +44 7708 795912 **Email:** tsamolyuk@gmail.com

LinkedIn: <https://www.linkedin.com/in/tetiana-semenchuk-481474161/>
<https://tetiana-404.github.io/index.html>

Personal Profile

I am a motivated and detail-oriented Data Engineer with a strong background in mathematics, programming, and data analytics. With a Master's degree in Applied Mathematics and Informatics and hands-on experience in SQL, Python, ETL processes, and cloud technologies like AWS and Azure, I specialize in building efficient and scalable data pipelines.

I started my career as a Front-End Developer, where I gained strong skills in problem-solving, attention to detail, and working with complex technical solutions. This role helped me develop a solid understanding of coding principles, working with data structures, and collaborating in agile development teams.

Later, transitioning into data engineering, I gained practical experience at EPAM, where I worked on data extraction, transformation, and loading processes, optimized SQL queries, and developed dashboards using Power BI.

I am passionate about working with data, uncovering meaningful insights, and building data-driven solutions that help businesses make informed decisions. I'm a fast learner with a proactive mindset, able to work both independently and as part of a team.

Currently, I'm seeking opportunities to grow further as a Data Engineer and contribute to innovative data projects.

Key Skills

Technical Skills:

- Excel (PivotTables, VLOOKUP),
- SQL (Joins, Subqueries, CTEs, MySQL / PostgreSQL) ,
- Python (Pandas, NumPy),
- Tableau / PowerBI,
- AWS (S3, RDS, ECS, ECRc), Azure
- ETL,
- HTML, CSS, Sass, and JavaScript (jQuery)

Soft Skills

- Communication
- Analytical Thinking
- Time Management
- Attention to Detail
- Result-oriented
- Self-disciplined

Training and Education

05/2025-07/2025

Just IT Training Ltd, London

Digital Skills Bootcamp: Data Technician (8-week programme)

- Data, Big Data, Data Structures, Data Architecture & Governance
- Data Analysis using MS Excel.
- Introduction to Data Visualisation with MS Excel Tableau and Power BI
- Data Analytics – Power BI
- Introduction to Database- Access & SQL Assignment
- Azure Fundamentals - Module 1- core data concepts- Software SAAS, Cloud
- Azure Fundamentals - Module 2- relational data in Azure (DB)

- Azure Fundamentals - Module 3- Non -relational data in Azure - Access (DB)
- Azure Fundamentals - Module 4- Fundamentals of data analytics
- Data Analysis via Python programming- Utilising Pandas, Matplotlib & Seaborn

09/2024-04/2024

EPAM, Ukraine

Data Analytics and Data Engineering Basics

Core Modules:

- Software Development Methodologies
- Database Management System
- Data Warehouse and Business Intelligence
- Python (Pandas)
- Cloud Computing (AWS)
- Data Analytics & Visualization

Languages:

MS SQL Server, SQL, ETL, Python (Pandas), AWS, Power BI

06/1998-06/2003

Ivan Franko National University of Lviv, Ukraine

Master's Degree in Applied Mathematics and Informatics

Employment History

04/2024-10/2024

Junior Data Engineer

| EPAM, Lviv, Ukraine

Wrote complex SQL queries and stored procedures to extract, clean, and transform large datasets for analytics and reporting purposes;

- Participated in the development and optimization of data pipelines in the AWS cloud environment using Python, SQL, and ETL tools to support efficient data ingestion, transformation, and loading.
- Create dashboards and reports using Power BI.

06/2019-08/2024

Computer Science Teacher

| Gymnasium Yevshan, Lviv, Ukraine

- Taught core Computer Science subjects, including algorithms, programming fundamentals, and information systems, to students aged 11-18 years old.
- Developed and delivered engaging lesson plans in Python, Scratch, and basic web technologies (HTML/CSS).
- Assessed student performance through regular testing, coding challenges, and practical assignments.
- Integrated digital tools (e.g., Google Classroom, interactive coding platforms) to enhance the remote and in-person learning experience.
- Supported students in preparing for regional and national informatics competitions or external exams

06/2009-06/2019

Front-end developer

| KapsNet BV, Netherland (remote)

- Developed website layouts for e-commerce systems (over 200 client sites).
- Supported pages, graphics and online marketing materials under the direction of UX manager and development team.
- Created and maintained front-end code for e-commerce websites (redesign, seasonal updates, production work).
- Identified and implemented dynamic web solutions in accordance with company standards and best practices.
- Designed new layouts using Photoshop and Figma.
- Experience in adaptive/responsive design principles.

06/2004-06/2009

Data Analyst

| Softserve, Lviv, Ukraine

- Creating SQL queries,
- Report generation,
- Accounting and financial processes synchronization,

Interests, Hobbies and Achievements

In my free time, I enjoy exploring new places — from weekend city breaks across Europe to hiking adventures in the Carpathian Mountains, which help me disconnect and recharge. I'm passionate about discovering nature, especially through long scenic walks and mountain trails. I also value quality time with friends and regularly take part in social meetups, game nights, or small gatherings that keep me connected and inspired. These experiences not only bring me joy but also strengthen my interpersonal and communication skills.

Additional Info:

- Languages: Ukrainian (native), English (B2), Polish (intermediate)
- Tools: Excel, SQL, Power BI, Python, HTML/CSS/JavaScript
- Completed UK-funded Data Skills Bootcamp (8 weeks)
- Portfolio and GitHub available upon request
- Fast learner, analytical mindset, passionate about data-driven solutions