

Elena Tsaregorodtseva

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SUMMARY

Data analyst & machine learning enthusiast with 6+ years of experience in data transformation, automation, and analytics. Proficient in Python and SQL, with 2+ years of hands-on experience in data analysis, machine learning, and A/B testing. Expertise in ETL, data visualization, and business intelligence tools

EXPERIENCE

Nutrien

Technical Tax Analyst - Data and Automation

2024 - present

- Build scalable data pipelines using Power Query to automate the extraction, transformation, and loading of large datasets, streamlining reporting processes and reducing manual intervention by 80%
- Pioneer Power Automate flow development to automate event-triggered data processing, eliminating manual effort, enhancing robustness, and accelerating decision-making with automated notifications

PricewaterhouseCoopers (PwC)

Senior Audit Associate

2018 - 2021

- Implemented ETL workflows in Alteryx to optimize data processing, cutting procedure time by 90%
- Delivered 25+ data-driven reports to clients, highlighting issues and recommending improvements
- Led training sessions on audit basics and advanced Excel, upskilling 20+ new joiners

Audit Associate

2016 - 2018

- Developed Power BI dashboards to visualize key business metrics, decreasing reporting time by 20%
- Identified and implemented improvements in audit methodologies, reducing costs by up to 50%

SKILLS

Libraries and Frameworks: NumPy, pandas, Matplotlib, scikit-learn, statsmodels, SciPy, LightGBM

Programming Languages: Python, SQL

Data Visualization: Power BI, Tableau

Others: A/B Testing, Alteryx, ETL, Excel, Git, Power Automate, Power Query, Snowflake

EDUCATION

Stanford University, Continuing Studies

BUS 48 Practical Analytics: Transforming Data into Decisions

2025

TECH 68 Machine Learning for Business with Python. Grade: A+

2024

University of Washington, Michael G. Foster School of Business

Master of Science in Information Systems. GPA: 3.91/4.00

2023 - 2024

Saint Petersburg State University

Master's Degree in Economics: Accounting, Analysis and Audit

2014 - 2016

Bachelor's Degree in Economics: Management

2010 - 2014

DATA PROJECTS (LINK)

Advanced SQL Analytics: Retail Sales and Customer Behavior Analysis ([Link](#))

- Identified top-selling products along with the most common product combinations in transactions
- Transformed 2 datasets into a unified table using recursive CTEs and multiple JOIN operations
- Developed a comprehensive SQL script to automate the process of monthly report generation

Generative AI Storyteller Application For Kids Of Various Age Groups ([Link](#))

- Integrated GPT-4 and DALL-E 3 to generate age-appropriate prompt-based stories and visuals
- Optimized prompt engineering for image generation, improving contextual accuracy and coherence
- Implemented voice cloning using ElevenLabs' API to create personalized narrations