

Elena Tsaregorodtseva

📍 Sunnyvale, CA | [in elena-tsaregorodtseva](#) | [etsar](#)

SUMMARY

Data analyst with over 6 years of experience leveraging data to solve business problems and drive strategic decisions. Proficient in Python, SQL, and A/B testing. Experienced in collaborating with cross-functional teams to drive product development and influence data-driven decision-making.

EXPERIENCE

Nutrien

Technical Tax Analyst

2024 - present

- Consolidated data from 7 ERPs for 359 entities across 30+ countries, standardizing 40+ attributes
- Automated compliance checks in Excel, reducing manual input and processing time by up to 90%

PricewaterhouseCoopers (PwC)

Senior Audit Associate

2018 - 2021

- Optimized data processing by developing Alteryx workflows, accelerating 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

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

SKILLS

Programming Languages: Python, SQL

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

ML and Statistics: supervised and unsupervised learning, regression, classification, A/B testing

Data Visualization: Power BI, Tableau

Others: Alteryx, Excel, ETL, Git, Snowflake

EDUCATION

University of Washington, Michael G. Foster School of Business

Master of Science in Information Systems

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)

Analyzing Mobile Phone Plans to Maximize Profit ([Link](#))

- Used Python to pull 475k+ rows and 25+ columns across 5 tables to compare 2 plans' profitability
- Performed A/B testing to statistically evaluate customer behavior and mobile plans' performance
- Recommended a marketing shift towards a plan with a 60% higher average monthly user profit

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

ACHIEVEMENTS AND AWARDS

- Student Excellence Award - top 1 of the MSIS Class of 2024, University of Washington
- Won first place out of 50+ teams in the 2024 Student IT Architecture Competition, CITAP