

Alena Tatarinova

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Technical Skills

Languages: Python, SQL, SAS, VBA.

Databases: MySQL, SQL Server, SSMS, MongoDB, Microsoft Access.

Data Visualization: Tableau, Power BI, Python Libraries (Matplotlib, Seaborn, Folium).

Machine Learning: Regression, Classification (K-Nearest Neighbors, Decision Trees, Logistic Regression), Clustering, Ensemble Learning.

Experience

Data Analyst Consultant | AVT Simulation, Inc. | Orlando, US Apr. 2020 – present

- Wrote a custom script using VBA language that reduced the time it took the company to process payroll by 60%.
- Build a new database with payroll data in Microsoft Access.
- Used Microsoft Power BI to assist the company in defining, measuring, and improving KPI's.
- Created an enhanced manual for training new employees.

Data Science Fellow at SharpestMinds | Toronto, Canada Aug. 2020 – present

- Created a custom web scraper using BeautifulSoup and Requests libraries that sourced geolocation data on +1,000 brands throughout North America. [Python]
- Cleaned and stored geolocation for each retail location into a database. [APIs, Google Cloud Platform, Python]
- Built a tool that recommends possible new locations by mapping the distance to competitor's storefronts inside a 10 km radius. [APIs, Google Cloud Platform, Python]
- Results are mapped visually to make the recommendations more consumable. [Python]
- Collaborated with the Former Director of Data Science at PwC Canada and founder of Arima.

Data Analyst | General Directorate of Troop Support GUOV | Moscow, Russia Apr. 2016 – Nov. 2019

- Implemented data migration from Access Databases to SQL Server that decreased the time and effort that company spent on daily operations by 50%.
- Built useful reports and analytics that allows the company to assess core KPIs across departments.
- Collaborating with stakeholders and a consulting company addressing changing priorities and deadlines.

Senior Contract Administrator | General Directorate of Housing and Utilities | Moscow, Russia Feb. 2015 – Mar. 2016

- Developed commercial documentation for proposals and contracts up to \$10M.
- Monitored vendor accounts payables and invoice completeness within 40 largest contracts.
- Negotiated with contractors in accordance with legal and compliance-related requirements and within delegated powers.

Financial Controller | Electrical Power Stations Installation "Modul" | Ural, Russia Aug. 2013 – Jan. 2015

- Re-mapped budgeting with imbedded internal controls for up to 120 various projects up to the total value of \$ 7M.
- Created and review journal entries on a weekly basis.
- Prepared monthly summary and detailed budget to actual comparisons with variance analysis.

Projects

Brand Location Selection [Python, Google Cloud Platform, available: <https://github.com/ALT-n/Brand-Location-Selection>]

- Gathered web data over 1,000 brands in North America and created a generic tool which allows selecting the best new location for a brand.

Dashboards in Tableau/Power BI [Public Tableau, available: <https://public.tableau.com/profile/alena.tatarinova#!/>]

- Built dashboards, graphs and maps in Tableau to tell stories and analyze data.

Education

Data Analytics Post Grad Certificate | Seneca College, Canada Jan. 2020 – Oct. 2020

- Courses: Data Structures and Algorithms, Statistics for Analytics, Predictive Statistics, Data Preparation and Handling, Data Visualization, Programming for Analytics.

MS in Finance | Ural State University of Economics Sep. 2008 – Jul. 2013

- Courses: Statistics, Theory of Probability, Mathematics, Marketing, Finance.