

# LIUBOU USHAKOVA

DATA ANALYTICS | RESEARCH

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## SKILLS

- SQL (BigQuery, Snowflake SaaS, PostgreSQL, MySQL)
- Tableau (Dashboards, Reports, Visualizations)
- Python (Pandas, Matplotlib, Seaborn, Streamlit)
- Qualtrics (Research/ Survey Design, Data Analysis)
- Microsoft Excel (VLOOKUP, Pivot Tables, VBA)
- Google Sheets (Advance Reports, Data Aggregations)
- Adobe Photoshop (Visualization)
- AWS (Amazon S3)

## EXPERIENCE

### GRADUATE RESEARCH ASSISTANT

MONTCLAIR STATE UNIVERSITY | MONTCLAIR, NEW JERSEY

NOVEMBER 2024 – PRESENT

- Assist faculty in research projects within The Department of Sociology at Montclair State University, contributing to the design, implementation, and evaluation of studies on social trends, policy impacts, and organizational outcomes.
- Clean, code, and manage complex datasets for academic and applied research projects.
- Develop data visualizations and analytical reports using tools such as ArcGIS, Google Sheets, R, and SPSS to translate quantitative and qualitative findings into clear, actionable insights for presentations and publications.

### DATA ANALYST

DOW JONES | PRINCETON, NEW JERSEY

JANUARY 2025 – OCTOBER 2025

- Designed and executed advanced BigQuery SQL queries involving nested data, window functions, and CTEs to extract meaningful insights from large-scale datasets.
- Retrieved original data files from AWS S3 to perform quality control checks and validate data integrity before processing.
- Conducted data-driven research to ensure compliance with legal and copyright regulations, identifying potential risks or violations.
- Automated Google Sheets report with custom formulas and linked data, creating real-time tools for cross-functional team needs.

### DATA ANALYST

SWEETPIXELS LLC | SCOTCH PLAINS, NEW JERSEY

AUGUST 2022 – AUGUST 2024

- Developed data visualizations and presentations that supported decision-making and performance monitoring, resulting in a 20% reduction in asset losses through the evaluation and optimization of production processes.
- Collected, cleaned, and processed data using Python, SQL, and Snowflake, significantly improving data quality and accessibility.
- Managed client, project, and contractor databases in Postgres, ensuring seamless workflow and on-time project delivery.
- Designed and maintained an interactive Profit and Loss Chart using Snowflake and Streamlit, enabling real-time financial tracking.
- Built interactive dashboards in Tableau, pulling data from Snowflake, and providing actionable insights to business stakeholders.

### 3D GENERALIST

SWEETPIXELS LLC | BROOKLYN, NEW YORK

SEPTEMBER 2015 – JULY 2022

- Improved efficiency by streamlining 50% of workflows through data-driven solutions with cross-functional teams.
- Identified inefficiencies through data analysis and built Python scripts to optimize workflows, improving quality by 20% and turnaround time by 10%.
- Delivered high-quality assets on schedule and optimized real-time rendering, boosting efficiency and cutting render time by 33%.

### LEGAL SECRETARY / ADMINISTRATIVE ASSISTANT

LAW OFFICE OF OLGA SKLYUT | BRROKLYN, NEW YORK

FEBRUARY 2013 – AUGUST 2015

- Organized and maintained 10K+ diary entries, journals, statistical data, and client files.
- Coordinated legal correspondence and ensured accurate filing of documents both physically and electronically.
- Managed case preparation for 35+ daily cases, supporting senior legal staff.
- Maintained 100 % client files by ensuring proper organization and accessibility of all relevant materials.

## EDUCATION & CERTIFICATIONS

MASTER'S DEGREE IN SOCIAL RESEARCH AND DATA ANALYSIS • GPA:4/4 • Montclair State University • 2024 -Present

BACHELOR'S DEGREE IN FINE ARTS AND EDUCATION • GPA:3.68/4 • Vitebsk State University, Vitebsk, Belarus • 2005-2010

TABLEAU DESKTOP SPECIALIST CERTIFICATION • Human Subject Research CITI Program Certification

## COURSES

DATA WAREHOUSE – The Ultimate Guide • Udemy  
SNOWFLAKE – The Complete Masterclass • Udemy

POSTGRES SQL – The Complete SQL Masterclass • Udemy  
DATA ENGINEERING with python and SQL • Udemy

## PROJECTS

- DAILY PROFIT/LOSS STATEMENT ANALYSIS • JUPYTER NOTEBOOK • PYTHON  
[https://github.com/LiubouNY/Daily\\_Profit\\_Loss\\_Statement\\_Graph\\_Python](https://github.com/LiubouNY/Daily_Profit_Loss_Statement_Graph_Python)
- GLOBAL LAYOFFS • POSTGRES SQL • TABLEAU PUBLIC  
[https://github.com/LiubouNY/PostgreSQL\\_Data\\_Cleaning\\_And\\_Exploratory\\_Analysis](https://github.com/LiubouNY/PostgreSQL_Data_Cleaning_And_Exploratory_Analysis)