

Skills

- Python(Numpy, Pandas, Matplotlib, Scipy, Seaborn, Plotly, Scipy)
- SQL(MySQL, PostgreSQL, SQLite3-Python)
- Tableau/PowerBi
- Microsoft Excel
- AWS

Projects

Credit Card Fraud Detection Analysis | [Link](#)

- Python libraries Numpy, Pandas, Matplotlib, Seaborn, and Plotly were used to format the data, group and aggregate rows based on conditions, calculated statistical analysis such as mean, interquartile ranges, and standard deviation
- Applied advanced SQL functions like **JOIN**, **GROUP BY**, **CREATE VIEW**, and **WHERE** clauses to format/organize data
- Excel was used to extract, transform, and load(ETL) the dataset, run data validation, outlier and duplicate removal, checks for empty values, and standardizing dates, as well as pivot tables and formulas like **VLOOKUP** and **COUNTIF**

Employee Performance Audit In SQL | [Link](#)

- Utilized SQL queries to clean and preprocess raw employee data, ensuring integrity by removing inconsistencies and duplicates before creating and maintaining a custom database
- Implemented data normalization techniques to structure the dataset, enabling more efficient analysis and reporting
- Created complex SQL queries with Common Table Expressions(CTE), **UNIONS**, **PARTITION BY**, and **CASE WHEN** to determine which employee deserves bonuses and which employees need to improve performance

Crime Breakdown In Tableau | [Link](#)

- Analyzed crime data from the Chicago Police Department to determine crime trends to help in investigations and prevention of crime
- Designed and developed interactive dashboards, visualizing key metrics such as time periods in which the most crime occurs, crime trend over the years, and the number of arrests compared to calls
- Used Tableau calculated fields to determine which crime types took place at which day of the week/time of the day

Experience

Data Collector – Zordi (Oakfield, NY)

Feb 2024 - Apr 2024

- Collected, examined, and classified data to help improve the accuracy of ML algorithm by 15%
- Conducted thorough quality assurance for 500+ data files, ensuring 98% reliability
- Extensively tested website application and assisted developer team in debugging issues, resolving 20+ bugs
- Operated and maintained photosynthetic active radiation (PAR) robotics for data collection
- Worked with team members to prioritize tasks and ensure that assigned projects were completed on schedule
- Utilized Python and Docker for data processing and containerization

Resident Advisor – University at Buffalo (Buffalo, NY)

Aug 2023 - May 2024

- Advised 35 students on class registration, academic progress, campus events, and meal plans
- Developed and facilitated 10+ programs on finance, personal development, cultures, and academic tips
- Managed budgeting, administrative tasks, maintenance/incident reports, roommate mediations, and bi-weekly duty rounds

Education

Fullstack Academy(New York, NY) – Data Analytics Certification

Feb 2025 - Apr 2025

University at Buffalo(Buffalo, NY) – Bachelor of Science, Computer Science(Concentration in AI)

Aug 2022 - Dec 2024