

OLIJOH CLARKE

Skills

Software: Microsoft Excel, PowerBI, Tableau, Python (Pandas, Numpy, SciPy, Matplotlib, Seaborn), SQL (PostgreSQL, SQLite, MySQL)

Data Methods: Statistical analysis, data visualization, data cleaning, exploration, querying, and modeling, A/B testing, t-tests

Additional Skills: Dashboarding, business strategy, report generation, and performance tracking (KPI)

Projects

Foreign Exchange Currency Correlations – Capstone Project – Thinkful [Link](#)

- Conducted t-tests to determine a hypothesis of statistical significance and gain insights into market price correlations for 23 currency pairs in the foreign exchange markets using **Python** and **Jupyter Notebook**.
- Aggregated and visualized the data by using **numpy**, **pandas**, **matplotlib**, **scipy** and **seaborn** to compile a professional report.

Significance in Annual Fuel Economy — Personal Project [Link](#)

- Conducted **t-tests** between vehicle classes and transmissions in **Excel**.
- Developed dashboard using **pivot tables**, **charts**, and **histograms** to Provided insights and statistical significance of the data.

Business Analysis: Lariat Rent-A-Car –Project – Thinkful [Link](#)

- Cleaned and connected multiple spreadsheets of historical sales data using Excel Completed exploratory data analysis to increase revenue and improve **business operations**.
- Utilized the data to create findings and apply strategies and formulas to produce a final projected performance model.
- Applied data-driven strategies, achieving a 25% increase in sales forecast accuracy.
- Applied and analyzed strategies to find the profits and numbers to project future profits and which would be the best route to take for the next years operation of the company.
- Enhanced historical sales data in Excel, reducing data errors by 20% and improving statistical analysis accuracy. Applied data-driven strategies, achieving a 25% increase in sales forecast accuracy.

Work Experience

PHARMACY TECHNICIAN – Actalent – Fayetteville, NC

February 2023 - Present

- Ensuring compliance with privacy and confidentiality regulations while processing pharmacy benefit prior authorization
- Utilizing keen observation to identify patterns and trends in claim data, leading to a 20% reduction in processing time per request.
- Collaborating with teams to investigate and resolve challenges impacting member services and medical professionals in claim processing, resulting in a 15% improvement in overall claim processing efficiency and customer satisfaction.

DATA ANALYTICS BOOTCAMP – Thinkful – [Certificate](#)

July 2022 - November 2022

- Produced and presented professional projects in areas of business forecasting, price modeling, and statistical analysis.
- Develop dashboards in and reports Tableau, PowerBI, and Excel for both tactical and strategic decision making and tracking of KPI's
- Proficiency in SQL queries to accommodate a variety of ad hoc reporting, relational databases and analysis requests

MILITARY POLICE – U.S. Army – Fort Bragg, NC

October 2020 - June 2022

- Effectively managed sensitive intelligence with **Secret Clearance**, ensuring impeccable security and data confidentiality. Maintained accurate and streamlined databases with a 98% record accuracy rate for efficient data retrieval and analysis.
- Leveraging analytical thinking to derive valuable insights from collected data, bolstering decision-making processes and optimizing mission effectiveness.
- Successfully resolved conflict by diffusing tense situations through effective communication with all parties involved.

Education

BACHELOR OF SCIENCE IN MATHEMATICS – Thomas Edison State University – Trenton, NJ

Enrolled

Majors: Applied Mathematics/Computer Science