Enioluwa Israel

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GitHub: https://github.com/semigod-dot-com

Professional Summary

I am a results-driven Data Analyst with one year of experience in data analysis and reporting, currently transitioning into Data Engineering. I'm proficient in Python, SQL, Tableau, Excel, and query tools, with hands-on expertise in data wrangling using Pandas, Seaborn, and Matplotlib. I've successfully delivered multiple projects including Retail Sales Analysis, Customer Segmentation using K-Means, E-commerce Behavior Analysis, and Marketing Campaign Insights.

Skilled in field data collection, validation, and analysis, I excel at transforming complex data into clear, actionable insights that drive business outcomes. I have a strong eye for identifying inefficiencies, optimizing workflows, and improving customer satisfaction. Currently expanding my technical toolkit with Docker, Terraform, Kestra, and cloud platforms like Google Cloud (GCS & BigQuery), I'm passionate about building scalable, reliable data pipelines.

A strong collaborator and communicator, I bridge technical and business teams to ensure smooth execution of deliverables, enhance operational efficiency, and support data-driven decision-making. I'm deeply committed to continuous learning and building robust systems that empower organizations to grow with data.

Technical Skills

Cloud/Data Tools: Kestra, Google Cloud Storage, BigQuery
Languages & Libraries: Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn)
Database: SQL (Joins, Aggregations, Window Functions)
Visualization: Tableau, Matplotlib, Seaborn
Tools: Jupyter Notebook, Excel, Git, Docker, VS Code

Experience

Data Analyst Intern
Oasis Infobyte | Remote | Duration: 2 months

- Performed data cleaning, EDA, and clustering on real-world business datasets.

- Delivered actionable insights via dashboards and statistical models.

- Completed multiple mentor-guided projects focused on customer behavior and sentiment.

Projects

(All project files are available on GitHub: https://github.com/semigod-dot-com)

ETL Automation with Kestra
Tools Used: Kestra, PostgreSQL, SQL

- Built an automated ETL workflow in Kestra to load NYC Yellow/Green taxi trip data monthly.

- Designed logic to handle schema differences by taxi type using conditional branching.

- Created staging and final PostgreSQL tables; ensured clean monthly updates with delete-and-insert logic.

- Scheduled regular data pulls, decompression, and ingestion from public GitHub releases.

Data Pipeline: PostgreSQL → GCS → BigQuery

Tools Used: Kestra, PostgreSQL, Google Cloud Storage, BigQuery

- Built an automated ETL pipeline using Kestra to ingest NYC taxi data.

- Scheduled backfills and loaded structured data into BigQuery for downstream analysis.

- Enabled cloud-scale analytics through modular and scalable workflow design.

Customer Segmentation using K-Means Clustering

Tools Used: Python, Scikit-Learn, Pandas, Matplotlib

- Engineered features from behavioral purchase data.

- Applied K-Means clustering to identify customer groups.

- Presented marketing strategies based on clustering insights.

Sentiment Analysis on Product Reviews

Tools Used: Python, NLTK, Matplotlib

- Cleaned and tokenized customer reviews.

- Classified sentiments and visualized distribution to support product feedback loops.

Retail Sales Data Analysis

Tools Used: SQL

- Analyzed transactional sales data to reveal revenue drivers and seasonal trends.

- Highlighted top-performing products and date-based performance using SQL queries.

Airbnb Property Price & Availability Trends

Tools Used: SQL

- Investigated Airbnb data for regional and seasonal price variations.

- Delivered insights using filtering, grouping, and joining techniques.

HR Analytics Dashboard

Tools Used: Tableau

- Created an interactive dashboard showcasing attrition, compensation trends, and job satisfaction.

- Provided executive summaries and visual storytelling for HR planning.

🎓 Education

Bachelor of Agricultural Science *(In Progress)*
University of Ilorin

🏅 Certifications

- Google Data Analytics Professional Certificate

- Cisco Networking Academy

- Alex Freeburg Data Analytics Bootcamp