YINKA TOSIN AFOLAYAN

SKILLS

SQL

MySQL · PostgreSQL

Microsoft Excel

VLOOKUP · Conditional Formatting · Pivot Tables

Tableau

Microsoft Power BI

Geospatial Tools

QGIS · ArcGIS · ESA SNAP

PROJECTS

World Carbon Emissions Analysis | SQL, Power BI, Tableau, Excel

- Analyzed global CO_2 emissions data with SQL to identify trends in emissions growth, greenhouse gas composition, and country-level patterns.
- Performed decoupling and land-use change analysis to assess the link between economic growth and carbon emissions.
- Built Power BI dashboards to visualize emission trends, GDP comparisons, and regional contributions.

Iowa Liquor Sales Analysis | Power BI

- Analyzed a 2.8 million-row liquor sales dataset in Power BI to identify sales trends, seasonal patterns, and consumer preferences across Iowa.
- Examined county-, city-, vendor-, and product-level performance to identify top-selling items, low performers, and high-revenue locations.
- Built interactive dashboards to track sales, profit, bottles sold, and category performance for product and sales strategy insights.

Data Analyst | Environmental & Program Data

(+234) 7069414075 tosfolayinka@gmail.com
https://yinkatosin.github.io/
https://www.linkedin.com/in/yinka-tosin-afolayan-0652a0224/
Akure, Nigeria

SUMMARY

Data analyst with experience in project and program analysis, reporting, dashboard development, and cross-sector data work. Proficient in turning structured data into clear insights that support performance monitoring, reporting, and evidence-based decision-making. Skilled in using analysis and visual storytelling to solve operational, environmental, and business problems.

EXPERIENCE

Forestry Consultant and Data Analyst — 08/2023 - Present

Performance and Project Implementation Monitoring Unit (PPIMU), Ondo State Government — Akure, Nigeria

- Collect, clean, and analyze forestry and environmental datasets to support reporting, project monitoring, and evidence-based decision-making.
- Develop dashboards and visual reports in Excel and Google Workspace to track project outcomes, monitor progress, and communicate performance trends.
- Translate analytical findings into reports, presentations, and recommendations for government stakeholders, development partners, and community actors.

Student Forestry Advisor — 07/2022 - 08/2023

Forestry Management Committee, Ondo State Government — Akure, Nigeria

- Contributed to the development of a GIS-based forestry utilization map used to assess forest reserve conditions and spatial patterns.
- Contributed forestry and environmental insights to discussions on sustainable forest management, deforestation, and land degradation.

Spatial Data Analyst Intern — 06/2021 - 07/2021

Centre for Space Research and Applications (CESRA) — Akure, Nigeria

- Used QGIS and ArcGIS to analyze spatial datasets and support land cover mapping and environmental assessment tasks.
- Developed land cover maps for selected states in Nigeria to visualize environmental and geographic features.

VOLUNTEERING

Treasurer and Data Analyst — 06/2024 - Present

All Sunshine Youth Agricultural Empowerment Association (ASYEA)

- Manage budgeting, expenditure tracking, and financial recordkeeping for youth-led agricultural initiatives.
- Designed and maintained data collection systems used to gather information from over 700 young farmers across Ondo State.
- Performed data cleaning, data entry, and analysis to support reporting, identify trends, and generate insights for program improvement.