IBRAHIM ROBIU

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Skills

- **SQL** (MySQL, SQL Server): Joins, Views, CTEs, Window Functions, Data Cleaning
- **Python**: Pandas, NumPy, Matplotlib, Seaborn, API Integration, Web Scraping
- **Tableau**: Interactive Dashboards, Filters, Drill-Downs, Time Series
- **Excel**: Data Cleaning, VLOOKUP, Pivot Tables, Conditional Formatting, Dashboarding
- **Power BI**: Data Modeling, DAX, Interactive Dashboards
- **Data Visualization**: Storytelling with charts, KPIs, and filters
- **ETL & Reporting**: Extracting, transforming, and visualizing structured data

Projects

EXPLORATORY DATA ANALYSIS ON CANCER DATASET – PYTHON (JUPYTER NOTEBOOK)
VIEW PROJECT   April 2025
- Conducted univariate, bivariate, and time-based analysis
- Created visuals with Matplotlib and Seaborn for insights into survival time, treatment delay, and cancer type
- Engineered new features like BMI, survival days, and treatment delay

CRYPTO MARKET DATA EXTRACTION & ANALYSIS – PYTHON (API)
VIEW PROJECT   April 2025
- Integrated CoinMarketCap API to collect cryptocurrency data over time
- Aggregated and visualized trends across multiple timeframes (1h, 24h, 7d, etc.)
- Created grouped visualizations using Pandas and Seaborn

AIRBNB LISTINGS ANALYSIS – TABLEAU   April 2025
VIEW PROJECT
- Analyzed AirBnB listings across selected U.S. regions using interactive Tableau dashboards
- Cleaned and prepared raw listing data for analysis (handled missing values, standardized formats, removed duplicates)
- Visualized average price per bedroom and total listings distribution
- Mapped price variations by ZIP code using geospatial charts
- Created a revenue breakdown by year to uncover seasonal trends and earning patterns
- Used filters, calculated fields, and custom tooltips to enhance user experience and insight exploration

DATA CLEANING ON CANCER PATIENT DATA – MYSQL
VIEW PROJECT   March 2025
- Cleaned 10,000+ rows of raw healthcare data from UAE.
- Removed duplicates, corrected date formats, standardized text fields using SQL queries
- Used regex and conditional logic to ensure data consistency

SALES AND PRODUCT BREAKDOWN DASHBOARD – POWER BI
VIEW DASHBOARD   March 2025
- Built a dashboard to display KPIs, product-wise sales breakdown, and category performance
- Implemented slicers and filters for dynamic exploration
- Cleaned and modeled the dataset within Power BI

WEB SCRAPING: TOP US COMPANIES BY REVENUE – PYTHON   February 2025
VIEW PROJECT
- Scraped company data from Wikipedia using BeautifulSoup
- Converted HTML tables into a clean CSV for further analysis
- Automated the process for scalability and ease of access

Work Experience

HEALTH CAMPAIGN ANALYST – FRANKLIN MICHELLE FOUNDATION(Remote)   March 2021 - October 2024

- Collected, reviewed, and documented health data from community outreach programs.
- Helped analyze community health needs by identifying trends in disease incidence, sanitation issues, and awareness gaps.
- Coordinated data-driven health campaigns, focusing on sanitation, malaria prevention, and community-specific health challenges.
- Reported key insights and progress to team leads, improving strategic planning and resource allocation.

BIOLOGY & HEALTH EDUCATION TEACHER– AS SALAM HIGH SCHOOL – Lagos, Nigeria   2018 - 2022

- Taught core health topics and biology concepts with a focus on using data (charts, visuals) to improve student understanding.
- Analyzed student performance data to identify learning gaps and adjust teaching strategies for over 100 students.
- Designed lesson plans informed by trends in student assessment data, enhancing academic outcomes and engagement.
- Used spreadsheets and basic data tools to track attendance, performance, and health-related behaviors among students.

Education

Bachelor of Science in Biology Education   **2018**
Ogun, Nigeria
• Focused on biological sciences, education, and public health
• Completed a research project on *In Vitro Anthelmintic Activity of Picralima nitida*