

Skills

- SQL (SQL Server, MySQL, BigQuery)
- R Programming (Packages: readr, dplyr, tidyr, ggplot)
- Python (Pandas, NumPy, Matplotlib)
- Tableau
- Excel, Google Sheet (VLookup, Conditional Formatting, Formulas and Functions, Pivot Tables)
- Microsoft Power BI
- Data Collection Tools (ODK, CommCare, Google Form)

Projects

CORRELATION ANALYSIS—Personal Project

July 2025

- Performed correlation analysis on a Kaggle movie dataset using **Python libraries** such as Pandas, Matplotlib, and Seaborn to uncover if there is correlation between gross earning, budget, votes, and revenue
- Conducted comprehensive data cleaning including handling missing values, formatting inconsistencies, and outlier detection to ensure high-quality insights
- Visualized the correlation, average budgets vs. revenue, budgets vs. gross earning, using Python's data visualization tools

EXPLORATORY DATA ANALYSIS—Personal Project

July 2025

- Utilized **MySQL** to perform exploratory data analysis (EDA) on global layoff data, identifying patterns across industries, companies, and countries
- Wrote complex **SQL queries** to clean, transform, and aggregate data, including filtering nulls, grouping by sectors, and calculating layoff rates over time
- Generated insights on workforce reduction trends, peak layoff periods, and sector vulnerabilities to support strategic workforce planning and reporting

HEALTHCARE ANALYSIS— Personal Project

July 2025

- Utilized **Power BI DAX Formula** to analyze 30000 patient's waiting list (2018-2021) data and gain insights on the current patient waiting list and identified key trends in inpatient and outpatient delays
- Aggregated and visualized the data by using **the Power BI** to compile a professional report
- Utilized **Power BI** to highlight bottlenecks and provided actionable insights for improving patient flow and healthcare service delivery

STUDENT'S SOCIAL MEDIA ADDICTION DASHBOARD – Personal Project

June 2025

- Utilized **Power BI DAX Formula** to uncover patterns affecting students' academic performance
- Transformed and processed data by using DAX to ensure data completeness and validity
- Provided technical insights on the current student's social media addiction behavior

CRIME ANALYSIS – Personal Project

May 2025

- Utilized **Power BI DAX Formula** to analyze 10000 crime data and gained insights on the current number of crimes
- Utilized **Power BI** to visualize trends in crime types, location, and reporting delays
- Developed interactive dashboard to help stakeholders identify hotspots, analyze reporting gaps, and support evidence-based decision making in public safety planning
- Performed data cleaning using Power Query and EDA to successfully identified the major crime for each area

BIKE SHARE ANALYSIS—Google Data Analytics Capstone Project

May 2024

- Utilized **EXCEL Power Query** to merged 12 months data from different csv files
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Applied **Excel** to uncover user behavior trends
- Utilized **Excel** and data visualization techniques to identify peak usage periods and provided recommendations to improve service efficiency.

FITBBIT CASE STUDY—Google Data Analytics Capstone Project

May 2024

- Utilized **EXCEL Power Query** to merged 12 months data from different csv files
- Used **EXCEL** to gain insight on daily activity patterns and identify trends in user behavior
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Applied **Excel** functions, pivot table and charts to summarize data, draw insights, and recommend strategies to promote healthier habits

COST ANALYSIS—Hammad Technologies and Consultancy Limited Mini-Project

April 2024

- Conducted comprehensive cost analysis using **EXCEL** for an importation company using **advanced Excel formulas** to calculate unit prices, shipping costs, and selling prices of goods imported from China
- Delivered insights on the percentage contribution of shipping and product costs, enabling improved cost control and profitability forecasting

PUBLIC HEALTH ANALYTICS—Hammad Technologies and Consultancy Limited Mini-Project

April 2024

- Analyzed immunization coverage data using **Excel** for a public health program, calculating target populations, coverage percentages, and demographic breakdowns across settlements
- Applied dynamic formulas to estimate target groups (e.g., under-1 children, pregnant women, under-5 children) based on population assumptions and tracked immunization outcomes

COMPLIANCE ANALYSIS—Hammad Technologies and Consultancy Limited Capstone Project

May 2024

- Designed survey questions and collected feeding mothers' data using ODK, CommCare and Google Form
- Utilized **EXCEL** to clean and transform the data to ensure validity
- Analyzed and built a dashboard using excel and gained insights regarding the compliance, adherence level and highlight key gaps.

Work Experience

GRADUATE INTERN – Hammad Technologies and Consultancy Limited

November 2023 - March 2014

- Collect data using ODK, CommCare, and Google Form
- Implemented a new reporting using Excel Pivot and VBA which help reduced processing time by 50%
- Worked on 10 weekly mini projects
- Analyzed Exclusive Breastfeeding and Complimentary Feeding Practice data to ascertain the compliance level

Education

MASTER OF SCIENCE CHEMISTRY (IN VIEW) – Umaru Musa Yar'adua University – Katsina

November 2023

Major: Organic Chemistry

BACHELOR OF SCIENCE EDUCATION CHEMISTRY – Umaru Musa Yar'adua University – Katsina

January 2023

CERTIFICATIONS

GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATE – Coursera

May 2024

DIPLOMA IN DATA ANALYTICS – Uniathena

April 2024