

AMAH Akan Daniel

Professional Job Profile

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» <https://akanimohod19a.github.io/>

A dedicated, detailed and capable demographic analyst with working knowledge of data collation, analysis and fieldwork, with experience in graduate-level demography/sociology research and preparing publications.

Based on my education and work experience, I have developed proficiency in questionnaire design, data analytics and machine learning as well as managing IT-related projects.

LinkedIn: <https://bit.ly/2VjDzMG>

Professional Job Experience

SurveyPlus LTD, Lekki Phase 1, Lagos

Dec, 2020 - Present

DATA ANALYST & OPERATIONS

Built and maintained an automated data reporting and exploration template in r-mark-down, that iteratively produced insights and context in an ongoing national field exercise.

Created interesting dashboards, that mined massive amounts of data from the field and survey participants to produce insights for survey sponsors.

Managed and Co-ordinated a national-wide exercise to on-board atleast 5,000 participants on an Application. Resolving technical issues with registered participants.

Established liaison with management to identify issues and use data to propose solutions for effective decision making.

Established new systems and procedures to improve the workflow in data and operational management.

Overhauled tedious processes by creating resolutorial fixes using Python, R and Google Apps Script.

Built and developed relationships with business Clients and survey Respondents.

InsideSherpa for KPMG

September, 2020

Data Consultant (Virtual Internship)

Compiled and analyzed from a secondary data source.

Maintained a clear and coherent communication in written documents - text files and dashboards to understand data needs and report results.

Created clear reports that provided insights on business processes and maximisation of profits.

Performed other duties and followed through on work commitments.

Covens Lab, Akure, Ondo State

April, 2019 – October, 2020

Data Analyst and Operations (Intern)

Provided technical and operational support to facilitators during monthly data science classes.

Curated daily content and peculiar offerings on social media

Monitored conversion metrics on contents distributed on Twitter & Google My Business.

Intimated with science platforms to stay updated on current techniques and data science innovation.

Performed other duties as instructed

Research Assistant (Extra Curricular)

June, 2018 – October, 2018

Conducted analytical and data research from which you will develop prototypes and proof of concepts

Built and maintained an data pipeline from ODK to MS Excel to create exploratory analysis on target features that influenced Retirement Lifestyle among the aged in South-western Nigeria.

Performed other duties as instructed.

Dept. of Demography and Social Statistics, OAU, Ile-Ife, Osun State.

June, 2017 – August, 2017

Data Consultant (Student Research)

Compiled and cleaned primary data for analysis using software packages: SPSS & STATA software analytical tools.

Evaluated the reliability of complimentary data sources and data gathering techniques and reinforce correction/standardization in analysis as well as for reference material.

Produced and submitted a comprehensive report on Family Planning among fecund female adults in Ilesa-west LGA, Osun State.

Performed other duties and followed through on work commitments

SALEM SECONDARY SCHOOL, Ota, Ogun State

June 2019 - December, 2020

Teaching & Advice

Articulate and communicate basic - intermediate Computer Use to secondary school students.

Managed and optimized computer/research laboratory, as well as utilize for record-keeping and preparing examinations.

Scaling up basic competency in computing and programming, especially as regards application software(s)

Core Competencies

DATA ANALYTICS, FRAMEWORKS & SOFTWARE DESIGN	» Python » R » STATA » TABLEAU » POWER BI » MS OFFICE SUITE	» GOOGLE APPS SUITE » GOOGLE APPS SCRIPTS » ODK » Atlas TI (NLP) » MySQL » Postgresql	» Django » Streamlit » Dash, GraphQL » Bootstrap » Heroku CLI » Git and GitHub
RESEARCH & FIELD WORK	» Planning and Operations » IT Support » Requirement Analysis		
GRAPHICS DESIGN	» Adobe Creative Cloud » - Illustrator » - InDesign » - AfterEffects » Canva		

Publications [Visit my git repos](#)

Tableau Public	Dashboards highlighting quintessential metrics through unique storytelling elements and visualizations that explores how data can help drive social change and inclusion in Africa.
R Markdown (.rmds)	Publications : showing automated reports, on EDAs and high-level Inferences on variety datasets.
ML WebApps: Recommender System	Heart Failure Predictor : A recommender system on predicting the incidence of heart failure.
ML WebApps: Computer Vision	Single Digits Recognizer : A deep learning application to serve in real-time recognition of drawn image.
Google AddOn	Readability Guidelines Editor : A Google Docs add-on to keep your writing clear and readable on the web
JOURNAL OF DEMOGRAPHY AND SOCIAL STATISTICS	"Evaluation of Household Age Data in the Nigerian Demographic and Health Survey, 2013.", Contributing Author. (In-View)

*Educational Background***Obafemi Awolowo University, Ile-Ife, Osun State**

2014 - 2018

BSc. in Demography and Social Statistics

Second Class Upper Division

Nigerian Navy Secondary School, Abeokuta, Ogun State

2007 - 2013

Senior Secondary School Certificate

*Awards and Accreditations***Forage, for KPMG**

2020

Data Analytics Consulting Virtual

National Youth Service Corps, Ondo State

2020

Certificate for Distinguished Performance

*Conference Presentations***Dept. Demography and Social Statistics' Seminar Room.**

"Mass Media: Assessing Fertility Rates with Family Planning, A case study of Ilesha, Osun State"

2016

"Evaluation of Household Age Data in the Nigerian Demographic and Health Survey, 2013."

2017

Language and Interest

Language: English and Yoruba

Interests: Reading

Referees

Referees will be furnished on request.