

# AYODEJI OMOLUSI

## Data Analyst

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### SUMMARY

Experienced Senior Research Assistant with a proven track record in collecting, transforming, and organizing data for analysis to help make informed decisions. I possess an excellent understanding and proficiency in software tools for effective data analysis, such as Python, Tableau, and R. I recently completed the Google Advanced Data Analytics Certification program - a rigorous, hands-on course that covers the entire scope of the machine learning and data science process.

### EXPERIENCE

#### Senior Research Assistant

Oct 2017 – Present

##### National Biotechnology Development Agency

Played a key role in research projects, gathered and analyzed data from over 50 test subjects, achieving 57% improved agricultural production process.

- Contributed to the creation of a comprehensive database of environmental factors affecting crop yield, resulting in improved agricultural practices.
- Collected, cleaned, and analyzed large datasets from various sources to deliver actionable insights resulting in improved productions.
- Conducted literature reviews and synthesized research findings.
- Collaborated with cross-functional teams to execute successful production processes, resulting in a 32% increase in production.
- Performed data exploration and visualization using Tableau and Excel, facilitating data-driven decision-making processes.

#### Quality Control

Jun 2011 – Mar 2014

##### Primus LTD

Intern role within the quality control team to optimize business operations resulting in improved operational efficiency.

- Collaborated with team members to conduct data quality assurance check and validation procedures, resulting in a 12% improvement in data accuracy.
- Assisted in statistical analysis to improve sales performance by 20%.
- Collaborated with team members to identify areas for process improvement.
- Developed polished visualizations to share results of data analysis to stakeholders, contributing to informed decision-making.

### EDUCATION

#### Master of Science in Analytical/ Environmental Chemistry

Mar 2014 – Nov 2017

##### University of Benin

#### Bachelor of Science in Biochemistry

Sept 2006 – Jan 2011

##### Ekiti State University

### LANGUAGES

English

Proficient



### STRENGTHS

- Analytical Thinking**  
Proven ability to analyze and interpret complex datasets, resulting in key insights that drove project success.
- Technical Proficiency**  
Proficient in data science using Python, R, AI/ML
- Effective Communication**  
Skilled in translating complex data into clear, understandable insights for stakeholders to guide decision-making.

### SKILLS

- Python, R, Statistical Analysis
- AI/ML, Data Science
- Predictive Models
- Regression Models
- Visualization and Communication
- Spreadsheets, Research

### CERTIFICATION

Google Advanced Data Analytics Professional Certificate, 2024

Google Data Analytics Professional Certificate, 2023

### ACHIEVEMENTS

- Process Improvement Initiative**  
Identified inefficiencies in data collection and analysis processes and implemented improvements resulting in time savings of 20%
- Data Visualization Project**  
Developed interactive visualizations that increased understanding of data insights and facilitated decision-making