

# Adetoun Adegoke

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## Summary of Qualifications

- 4+ years of experience delivering software and data solutions to meet the IT needs of an educational institution
- Proven ability to leverage data analytics for actionable insights, identifying trends, and informing strategic decision-making
- Proficient in utilizing machine learning and AI models to optimize processes and enhance predictive capabilities
- Detail-oriented and inherently curious, skilled in analyzing complex data and extracting meaningful patterns
- Strong communicator with a demonstrated ability to understand client needs, delivering tailored solutions through effective collaboration
- Experienced in leveraging technical support data to drive system improvements and enhance user adoption
- Adept at leading initiatives that reduce costs and improve functionality across various organizational functions

## Technical Skills

Operating Systems:	Windows 10
Applications & Tools:	Microsoft Excel, Azure Sandbox
Tools:	Google Workspace, RDBMS, IBM Cognos Analytics, Microsoft Power BI, Hortonworks Sandbox, Jupyter, SQLite
Project Management Fundamentals:	Agile, Waterfall, Scrum, Kanban, Trello
Languages:	SQL, Python, R

## Education & Certifications

Microsoft Azure AI Fundamentals Professional Certificate	October 2024
Microsoft Azure Data Fundamentals Professional Certificate	Expected 2024
IBM Data Analyst Professional Certificate	Expected 2024
Junior Data Analyst Program	Sept – Dec 2024
NPower Canada   Toronto, ON	
14-week intensive online training on the fundamentals of computer technology, and project management	
<ul style="list-style-type: none"><li>• Utilize Excel spreadsheets to perform data wrangling and data mining</li><li>• Develop working knowledge of Python language for data analysis using Pandas and NumPy</li><li>• Effectively complete a capstone project by collecting data from multiple sources, performing exploratory data analysis, data wrangling, statistical analysis and mining of the data using Python libraries</li><li>• Work extensively on creating charts and plots to visualize data, and building an interactive dashboard using IBM's Cognos Analytics and various Excel charts/graphs</li><li>• Visualize data using Python libraries including Matplotlib, Seaborn, Plotly and Dash</li><li>• Compose queries to access data in cloud databases using SQL and Python from Jupyter notebooks</li><li>• Explain cloud concepts, benefits of cloud computing and core Azure architecture components</li><li>• Use core Azure services and choose the Azure AI services that best address a company's challenges</li><li>• Control Azure spending and managing bills by applying recommended practices to minimize cost</li><li>• Demonstrated a high level of understanding of Agile Project Management Lifecycle and key techniques and successfully complete Agile projects using tools such as Scrum, Kanban</li></ul>	
Master of Science (MSc) in Data Analytics	Oct 2023
London Metropolitan University   London, United Kingdom	

## ***Work Experience***

### **Retail Sales Associate**

**Sept 2018 – Present**

Winners, TJX | Ottawa, ON

- Delivers exceptional customer service experience, assisting shoppers with product inquiries and checkout.
- Identified and resolved discrepancies, including incorrect pricing and untagged merchandise, by applying strong attention to detail and ensuring compliance with store procedures.
- Maintains store appearance by organizing merchandise displays and ensuring cleanliness.
- Processes transactions accurately, managing cash and electronic payments.
- Collaborates with team members to achieve sales targets and promote store promotions.
- Resolves customer issues efficiently, utilizing problem-solving skills to enhance customer satisfaction.

### **Software and IT Solutions Analyst**

**Sept 2018 – Aug 2022**

Information Technology Unit (ITU), College of Medicine, University of Ibadan | Ibadan, Nigeria

- Developed custom software solutions to meet the diverse needs of the institution, including grant management and financial systems, streamlining operations and improving workflow
- Provided technical support for custom software, ensuring optimal performance and minimal downtime
- Analyzed technical support data to identify patterns and opportunities for improvement, driving targeted software updates that enhanced features, streamlined processes, and reduced support requests
- Optimized SQL queries, reducing data retrieval time up to 15% in PostgreSQL and MySQL databases
- Automated workflows with Excel, SQL, R, and Python, boosting productivity and minimizing manual tasks
- Integrated Moodle E-learning platform during COVID-19, ensuring a seamless transition to remote learning
- Created standardized documentation, including technical specifications, knowledge base articles and user manuals, improving user adoption
- Facilitated IT training sessions to enhance staff technical skills across departments
- Led a paperless initiative, cutting paper usage by over 50% and improving operational efficiency

### **Data Entry/ Support Analyst**

**Jan – Nov 2016**

International Institute Tropical Agriculture (IITA) | Ibadan, Nigeria

- Developed data entry templates and managed the processing of questionnaires, forms, and documents
- Led data cleaning, transformation, and integration to ensure high data quality and accuracy
- Utilized SPSS for data analysis, compiling comprehensive reports with key insights and actionable recommendations

## ***Volunteer Experience***

### **Administrative Specialist**

**July 2024 - Present**

YMCA | Ottawa (Central Location), ON

- Utilized Caseflow to manage client interactions and maintain detailed case notes
- Assisted walk-in clients with inquiries, providing information and referral services to address their needs
- Supported case managers with outbound calls to follow up on client employment status and gather necessary information
- Collaborated with case managers in collecting and inputting sensitive client data into the Caseflow database

## ***Special Projects***

- Optimizing Input for Face Recognition System: Leveraged multi-camera setups to enhance face recognition accuracy by optimizing input selection, achieving a 4% increase in overall accuracy [Link](#)
- Heart Disease Risk Factors: Exploratory Data Analysis: Conducted data analysis to identify modifiable risk

factors associated with heart disease, focusing on lifestyle and disease categories [Link](#)

- Investigating the Use of Force by Police in London: Analyzed trends and risk factors associated with the use of Conducted Electrical Devices (CEDs) as the initial tactic, providing insights for policy recommendations [Link](#)

## ***Publications***

- **Adegoke, A.**, Gasiorowski, P. (2024). Towards Enhanced Security and Suspect Identification: Optimizing Face Views for Real-Time Facial Recognition in a Semi-unconstrained Multi-camera Environment. In: Hassanien, A.E., Anand, S., Jaiswal, A., Kumar, P. (eds) Innovative Computing and Communications. ICICC 2024. Lecture Notes in Networks and Systems, vol 1024. Springer, Singapore. [https://doi.org/10.1007/978-981-97-3817-5\\_33](https://doi.org/10.1007/978-981-97-3817-5_33)