

# Kymerly Ayodeji

832-722-5967 | [ayodejiqlp@gmail.com](mailto:ayodejiqlp@gmail.com) | [www.linkedin.com/in/kymerlyaodeji](http://www.linkedin.com/in/kymerlyaodeji)

## SKILLS

**Programming Languages:** Python, SQL, Java, R, Bash  
**Cloud Experience:** Amazon Web Services (AWS), IBM Cloud, Google Cloud, Azure Cloud, Snowflake  
**Tech Stack:** SciKitLearn, Numpy, Pandas, TensorFlow, Github, Salesforce, Atlassian  
**Soft Skills:** Always Learning, Proactive, Collaborative, Public Speaking, Multitasker  
Self Starter

## CERTIFICATIONS

**IBM Machine Learning Professional Certificate**  
**Machine Learning Engineering for Production (MLOps) Specialization**  
**IBM Data Science Professional Certificate**  
**Google Data Analytics Certificate**  
**Anaplan Model Builder Certificate**

## DATA SCIENCE AND MACHINE LEARNING PERSONAL PROJECTS

<https://kymayodeji.github.io/portfolio/>

## EXPERIENCE

### **Data Consultant | Correlation One**

**October 2020 - August 2023**

- Developed and built a project to determine the county-wide effectiveness of the 2020 Global Shutdown on the Covid-19 infection rate using Census data, Google Mobility Data and Covid State Health Department data that I obtained, cleaned and analyzed using statistical inference for production in a Google Data Studio (Looker) dashboard for stakeholders.
- Designed and programmed an end-to-end ETL pipeline utilizing Python, APIs, Web Scraping, and SQL to consolidate and process financial data from multiple sources.
- Built a data pipeline from Open Payments data and web scraped physician review data using Apache Airflow and PySpark to send transformed data to AWS S3 bucket for insertion in a AWS PostGres database.
- Through lecture presentations and tutoring, I served as the Lead Teaching Assistant for Anaplan for All where over 500 participants earned Anaplan Model Builder certifications.

### **Advanced Technical Support Engineer | Anaplan**

**June 2021 - August 2023**

- Organized and led weekly team meetings with Principal and Senior Engineers to discuss technical debt concerns, feature enhancement projects and platform incident resolution updates.
- Fostered open communication to ensure all Support team members were informed and aligned during the bug fixes, product development and feature enhancement of multiple platform features.
- Presented bi-monthly oral reports to senior management, effectively communicating complex project details in a clear and concise manner, leading to informed decision-making for the platform.
- Provided frequent written and in-person technical advice to customers during meetings by providing quantitative analysis, delivering insights, and sharing high level explanations while answering technical specific questions through oral and written communication.
- Served as the go-to technical advisor for customers, offering expert advice on application troubleshooting and implementation resulting in increased client satisfaction and issue resolution.
- Provided technical guidance to the Customer Support and Customer Success teams, facilitating the implementation of Linear Programming, Power BI connector and Auth0 authentication feature technologies that improved both system performance and user experience.
- Investigated and resolved hundreds of customer issues involving Machine Learning, Linear Programming, Predictive Analytics and Numerical computations using data collection, investigative

methods, core metrics and observability logging (Splunk, Grafana, SignalFX) for analytical problem solving to identify root causes analysis. Assisted in identifying platform bugs, problematic edge case scenarios and needs for platform enhancement.

- Developed and presented training videos and documentation for Support team members on new features and processes surrounding machine data, investigative methods, and linear programming.
- Utilized agile project management methodologies to streamline workflows for platform bug resolutions and feature developments.

#### **Consultant | College Board**

**November 2020 - Present**

- Contracted to present multiple day training workshops for over 100 new and experienced Advanced Placement Computer Science teachers in the areas of the Java Programming Language, Computer Science principles and pedagogy, and various teaching strategies
- Worked with a select team of high school teachers, university professors and testing coordinators to review over 200 potential programming questions to be selected for a yearly international exam of over 70,000 students
- Annually reviewed over 2000 student Advanced Placement exams to rate performance on Java programming questions

#### **High School Math and Computer Science Teacher**

**January 2014 - June 2021**

- Taught High School Math and Computer Science class from Algebra 1 to Multivariable Calculus and Linear Algebra, including all Advanced Placement Math & Computer Science courses in a variety of locations nationally and internationally.
- Conducted engaging in-person and video lectures and presentations, employing effective oral communication techniques to capture students' attention and facilitate understanding of complex subjects.
- Organized and led parent-teacher conferences, effectively communicating students' progress, strengths, and areas for improvement, fostering collaborative partnerships with parents.
- Spearheaded the analysis of students' academic performance data, identifying trends and implementing targeted intervention strategies that resulted in improvement in overall student achievement.
- As Department Chair, I collaborated with colleagues to assess and enhance curriculum effectiveness, contributing to the development of data-driven instructional approaches and resources.
- Advised School administration and leadership on the selection and implementation of new learning management systems, software and technology, thus contributing to the modernization of the school's technological infrastructure.

### **EDUCATION**

**Master of Science | Rice University, *Computational and Applied Mathematics (Graph Theory)***

**Bachelor of Science | Spelman College, *Mathematics and Computer Science***