

# Adesina Joy

Aspiring Data Scientist  
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## EDUCATION

### BSc. Computer science

Covenant University, Nov 2021 – Sept 2025

**Current GPA:** 4.62/5.00

**Relevant Coursework:** System Analysis and Design, Statistical Methods, Regression and Analysis of Variance, High Performance Computing and Database Management, Structured Programming

### IBM Data Science Specialization Course

Coursera, March 2023 – Dec 2023

## SKILLS

- **Programming Languages:** Python, C/C++, C#
- **Data Analysis:** Excel, R
- **Database systems:** SQL
- **Machine Learning:** Supervised learning, Model Evaluation, Cross Validation, Hyperparameter Tuning
- **Hypothesis Testing:** Analysis of Variance, Chi-Square Tests, Z-Tests, t-Tests
- **Soft Skills:** Attentive to details, Innovative, equally proficient in working independently and as part of a team, Proactive, Resilient

## PROJECTS

### IBM Data Science Capstone Project

#### SpaceX Launch Success Prediction

- Applied machine learning techniques to predict the likelihood of success in Stage 1 for SpaceX rocket launches.
- Utilized Python programming language and machine learning libraries, including scikit-learn.
- Explored data using SQL and seaborn.
- Built interactive dashboard using Plotly express
- Employed A/B testing and cross validation to effectively split the dataset for model evaluation.
- Implemented different algorithms for predictive model
- Analysed model performance metrics, such as accuracy and precision, to assess the predictive capabilities.

### Database Coursework Project

#### Achievements:

- Defined business rules, created an ER diagram, and applied SQL for database design.
- Implemented a secure Python-based login system, enabling real-time database updates.

#### Technologies:

- SQL, Python for end-to-end development.

#### Outcome:

- Successfully completed and presented the coursework project, showcasing operational optimization skills

## CERTIFICATIONS

**Data science** – IBM Data Science Specialization Certificate (Dec 2023)

## TECHNICAL APTITUDE

**Openness to challenges:** Excited about gaining hands-on experience with technologies like Hadoop and telemetry systems during the internship.

**Eagerness to learn:** Quick adaptation to new technologies.

## EXTRACURRICULAR ACTIVITIES

- **Data Science Club Member**

## LANGUAGES

- **English:** Proficient
- **Yoruba:** Proficient
- **French:** Basic