

AFOLABI CARDOSO

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SUMMARY

Data Scientist and former Helicopter Pilot with a deep understanding of Machine Learning principles. Passionate about utilizing the latest software technology to solve problems. My ten-year career as a Pilot has made me a lifelong learner. I am open to working on impactful projects that add value to human life.

WORK EXPERIENCE

General Assembly - Data Science Fellow

01/2022 – 04/2022

12 weeks Data Science Immersive Bootcamp. Performed data cleaning and EDA to prepare large datasets for modeling. Worked with various machine learning models such as linear regression, logistic regression, KNN, Decision tree, PCA, and deep learning. Listed below are some of the projects done.

- **Real Estate Price Analysis and Prediction – Linear Regression model**
Developed a Linear regression model to predict the sale price of houses in Ames, Iowa. I applied Exploratory Data Analysis and Feature Engineering to prepare the data for modeling. By utilizing Ridge regularization technique, I was able to develop a model that well outperformed the baseline.
- **Subreddit Classifier – Natural Language Processing, Sentiment Analysis**
Using the Pushshift API, I gathered 1000 posts from Star Wars and Star Trek subreddits each. I designed a logistic regression model to classify which subreddit a new post belonged to.
- **Afrobeats Music Recommendation System – Clustering**
Music recommendation system that recommends an Afrobeats playlist that closely matches any given playlist. Using the Spotify API, I fetched 5000 Afrobeats songs, based on their musical features I developed a K-means clustering algorithm that grouped similar songs together.

Bristow Helicopter - Helicopter Pilot, Lagos, Nigeria

10/2018 – 01/2022

- Performed helicopter preflight inspections, calculated its weight and balance, and completed accurate flight plans
- Operated the helicopter in a safe and efficient manner in accordance with the company's operations manual
- Reviewed the company's operation documents and ensured they were up to date with the Nigeria Aviation Regulations

SKILLS

Python, SQL, JavaScript, HTML, CSS, Pandas, NumPy, Scikit Learn, Matplotlib, Seaborn, Keras, TensorFlow, Jupyter Notebook, Git/Github

EDUCATION

General Assembly - Data Science Immersive Bootcamp

01/2022 – 04/2022

Arizona State University - Master of Computer Science (Big Data Systems)

08/2020 – 03/2023

University of Lagos - Bachelor of Science in Electrical and Electronics Engineering

06/2005 – 06/2011

CERTIFICATION

Python 3 Programming Specialization, Coursera

Intro to Self-Driving Cars, Udacity Nanodegree Program

Commercial Certificate with Instrument Rating (FAA): Helicopter, Airplane Single Engine Land