AFOLABI CARDOSO
DATA SCIENTIST

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SUMMARY

Data Scientist and former Helicopter Pilot with a deep understanding of Machine Learning principles. Passionate about utilizing the latest in software technology in solving challenging problems. My 10-year career as a Pilot has made me a lifelong learner. Open to working on impactful projects that add value to human life.

PROJECTS

Housing Sale Price Prediction – Linear Regression model
Developed a Linear regression model to predict the sale price of houses in Ames, Iowa. I applied advanced EDA and feature engineering to prepare the data for modeling. By utilizing the Ridge regularization technique, I was able to develop a model that well outperformed the baseline.

Subreddit Classifier – Natural Language Processing
Using the Pushshift API, I extracted 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.

WORK EXPERIENCE

General Assembly - Data Science Immersive Fellow   01/2022 – 04/2022
- 12 weeks Data Science Immersive Program
- Performed exploratory data analysis on large datasets.
- Developed supervised and unsupervised machine learning models

Bristow Helicopter - Helicopter Pilot, Lagos, Nigeria   08/2018 – 01/2022
- Performed helicopters 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

TourHelicopter.com - Tour Guide and Pilot, Pembroke Pines, Florida   05/2018 – 12/2018
- Performed preflight inspections of all the aircrafts and ensuring all aircrafts were fueled for the day's operations
- Received customer's bookings and scheduled customer flight
- Took passengers on safe and entertaining helicopter rides along the Miami beach

SKILLS

Languages: Python, JavaScript, HTML, CSS
Libraries/Tools: Pandas, NumPy, Scikit Learn, Matplotlib, Seaborn, Jupyter Notebook, Git/Github

EDUCATION

General Assembly - Data Science Immersive   01/2022 – 04/2022
Arizona State University - Master of Computer Science (Big Data Systems)   05/2022 – 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

SCHOLARSHIPS/ AWARDS

Received from Bristow Nigeria a fully paid scholarship to train to become a helicopter pilot in Bristow Academy, Titusville, US