Duzi Egwuibe



<https://github.com/Justduzi>  [duzi.egwuibe@gmail.com](mailto:duzi.egwuibe@gmail.com)  +447311705858

**EXPERIENCE**

**Tensorflow Food101**

* Building a model with transfer learning combining feature extraction finetuning and scale-up methods to outperform the Food101 model [project link](https://github.com/Justduzi/TF_Food101/blob/main/Scale_up_transfer_learning.ipynb)

**TensorFlow DeepFood**

* Building a model with transfer learning combining feature extraction finetuning to outperform the Deepfood paper [project link](https://github.com/Justduzi/TF_DeepFood/blob/main/DeepFood.ipynb)

**Tensorflow Neural Network Multi CLassification**

* Building A multi-classification neural network to classify images from the fashion mnist data set [project link](https://github.com/Justduzi/Multi_class_Neural_Network/blob/main/Neural_Network_Multi_Classification.ipynb)

**Tensorflow Neural Network Medical Data**

* Building Neural Networks to try and predict the cost of medical insurance for individuals based on a number of different parameters [Project link](https://github.com/Justduzi/Medical_insurance_Neural-Network-Regression/blob/main/Medical_Insurance(Neural_Network).ipynb)

**Sales Data Analysis**

* + Developed innovative methods to generate insight from datasets and data visualisation using Matpotlib [*Project Link*](https://github.com/Justduzi/Sales-Analysis)
  + Deployed the use of Python Pandas to analyse sales data and develop insights

**Natural Language Processing-Sentiment Analysis**

* + Made use of Sci-kit Learn Library to develop the Natural Language Processing machine learning models for effective text classification [*Project Link*](https://github.com/Justduzi/NLP)
  + Cleaned data, loaded datasets, and read a large JSON file
  + Ran various ML algorithms such as SVM, KNN and Decision Tree

**SIR-Model App**

* + Utilised the StreamLit framework on python to create web applications [*Project Link*](https://github.com/Justduzi/Sir-model-streamlit)

**Junior Data Analyst** Jan-Dec 2019

***National Space Research and Development Agency (NARSDA*)**

* + Effectively maintained the agency’s reporting tools and systems with the use of Excel
  + Built Dashboards with PowerBi and designed new reports with Excel
  + Performed advanced data manipulations on Pivot Table

**Game Developer**

***Twin Crown Studio*** May - Sep 2017

* + Actively worked with a team to develop “Keke on The Run” game which has over a hundred thousand downloads on the android store
  + Debugged programs and solved complex technical problems during the game´s production
  + Worked closely with designers and artists in the design process to create a quality product
  + Used various programming languages to develop and design systems and high-quality code
  + Performed code reviews to ensure code quality

**EDUCATION**

**Robert Gordon University, Aberdeen, United Kingdom**

***MSc Data Science*** 2020-2021

* + Thesis: An Interactive Tool for Modelling Endemics- Completed a full data science project from data preparation to delivery

**Baze University, Abuja, Nigeria** 2015-2018

***BSc (Hons) Software Engineering***

* + Relevant Modules: Database Development, Artificial Intelligence, Application Development

**TECHNICAL SKILLS**

* + Tensorflow
  + XGBoost
  + Google Cloud Platform(BigQuery, Data fusion, Wrangler and DataPrep) and Python *(Pandas, NumPy, Sci-kit-learn, Matplotlib, Seaborn, Streamlit)*, PowerBI *(Data Visualization, Pivot table, Dax, Dashboards),* SQL R and Apache Pig

**CERTIFICATIONS**

**Google Cloud Platform fundaments for data analysis**

* Exploring and Preparing your Data with BigQuery

**Educative.io** 2021

* + Grokking Data Science, Python fundamental libraries for data science, Machine learning fundamentals for data science, Statistics fundamentals for data science