

Mukhtar Raji

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WORK EXPERIENCE

Investment Diversification Consultancy

Remote

Data Analyst (Freelance Contract)

July 2022 – August 2022

- Built a dashboard showcasing the prices of the company's investments over the years while also producing visuals of prices of other commodities alongside
- Conducted market research by analyzing the rise and fall of prices of invested commodities alongside other commodities and provided recommendations for possible investment diversification
- Utilized several python data visualization libraries in building the dashboard such as Panel, hvplot, holoviews, matplotlib and seaborn
- Investigated the outlook of the performance of the recommendations when utilized to be over 15% in returns on investments

Logic Programming

Remote

Python Programmer (Freelance Contract)

July 2022 – August 2022

- Generated reports showcasing the difference in the response of action models of several credulous agents
- Built a python script that modelled each action model
- Built a conversational bot that can take the role of a receiver or announcer to model any action model with an accuracy of 96%

E-commerce Consultancy

Remote

Data Analyst (Freelance Contract)

July 2022 – August 2022

- Generated reports showcasing the impacts of several features on e-commerce businesses
 - Conducted market research by analyzing users and reviews data to better identify the statistics of the footprint of e-commerce businesses
 - Performed several data analytical techniques to recognize the most important feature with a relationship similarity score of about 75%
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Credit Card Defaulters Classification and Prediction

Remote

Data Scientist (Freelance Contract)

April 2022 – May 2022

- Built a system that helped to formulate strategies and make better informed decisions on new applications of credit cards through machine learning recommendations
 - Showcased company's customer features from the result of deep data analysis on the defaulters' data using standard data quality control and analytical techniques
 - Built machine learning models for predicting defaulters with an accuracy score of more than 80%
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Covid-19 Propagation Against GDP Analysis (US)

Remote

Data Analyst (Freelance Contract)

April 2022 - April 2022

- Generated a detailed report providing insights into how covid-19 affected the GDP of all the US counties
 - Performed exploratory data analysis on the data using python, NumPy and pandas, while factoring several data features that result in the total GDP of each county
 - Produced amazing visualizations using matplotlib which to a high percentage of 90% supported the result of the analysis showcasing how several factors including the GDP were impacted through covid-19
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Breast Cancer Classification Using Deep Learning

Remote

Data Scientist (Freelance Contract)

March 2022 – April 2022

- Built a system for the classification of breast cancer images into cancerous cells and non-cancerous cells
 - Utilized machine learning models in conjunction with transfer learning models specifically the VGG19, EfficientNetV2L and InceptionResNetV2 models
 - Optimized the best performing model to predict with a high metric score of 94%
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DJ NawtBoy CoverArt-Updater

Remote

Desktop App Developer (Freelance Contract)

March 2022 – April 2022

- Built a desktop app for automatically updating cover arts of thousands of songs
- Utilized python libraries such as stagger, winsound, os and more for the desktop automation
- Optimized the manual cover art update time by over 97% also coupled with an accuracy of 100% for the cover arts updates

Topic Modelling For Social Computing Task

Remote

Data Scientist (Freelance Contract)

March 2022 – March 2022

- Built algorithms for auto-processing social media tweets into groups
- Utilized python's natural language processing (NLP) libraries in conjunction with topic modelling techniques such as LDA and LSA to analyze and build a classification system
- Produced highly accurate results of above 91% accuracy in successful grouping of the tweets

Computer Vision Image Manipulation Task

Remote

Data Scientist (Freelance Contract)

December 2021 – December 2021

- Built a system to produce custom thresholding of images using an exclusive mode of image manipulation techniques
- Utilized python image libraries such as OpenCV, matplotlib, skimage, SciPy and more, in performing the custom image manipulation
- Generated output images using the custom thresholding feature which were very similar to OpenCV's standard thresholding feature with an accuracy of nearly 95%

Product Consultancy

Remote

Data Analyst (Freelance Contract)

December 2021 – December 2021

- Generated reports showcasing recommendations on how to better target customers with advertisements (ads)
- Conducted market research by analyzing products, reviews and users' data to better identify the statistics of the client's customers
- Investigated the outlook of the performance of the recommendations when utilized to be over 30% in successful retaining of new customers and 40% higher revenue

Rocks Classification Project

Remote

Data Scientist (Freelance Contract)

November 2021 – December 2021

- Built a multi-class prediction system for classifying rocks into the appropriate type
- Built machine learning models such as GaussianNaiveBayes and DecisionTreeClassifier for the prediction of the rocks data into the right categories
- Optimized the best performing model to predict with a high metric score of 91%

Sentiment Analysis Project

Remote

Data Scientist (Freelance Contract)

October 2021 – November 2021

- Built a system for auto-classifying the sentiments of general texts into positive, negative and neutral sentiments
- Utilized python's natural language processing (NLP) libraries in conjunction with recommended bag of words to build the sentiment analyzer
- Produced highly accurate results of above 90% accuracy in successful classification of input texts

Films Analysis

Remote

Data Analyst / Desktop App Developer (Freelance Contract)

October 2021 – November 2021

- Generated reports showcasing features of the films data
- Utilized the use of python, csv, NumPy and pandas python libraries to analyze the data and produce insights into the statistics of several features of the data, such as the year of release, runtime and other several features
- Built a custom app that allowed for feature search which produced film result of distinct features with an accuracy of 100%

Hamoye AI Labs

Full-Time Remote

Data Scientist

July 2021 – November 2021

- Built and presented solutions using machine learning models to produce faster insights into data that other companies can use to make more informed decisions
- Collaborated with a team of 23 members to analyze and build machine learning models specific to Covid-19 patients and Airplane accidents
- Built several machine learning models for prediction with accuracy scores of more than 80%

EntryLevel

Full-Time Remote

Data Analyst

July 2021 – September 2021

- Created several insightful reports using learned skills of Excel, Google Sheets and Tableau
- Performed deep analysis and generated visualizations showcasing the performance of Udemy courses against revenue growth

- Investigated the outlook of the performance of the recommendations when utilized to bring about 27% increase in revenue

EasyPeasyStore Amazon Auto-Campaigns App Remote

Desktop App Developer (Freelance Contract) March 2021 - May 2021

- Built a desktop app that automatically downloads Amazon campaigns data and provides insights into the data through auto-visualization with amazing graphs
- Utilized python libraries such as Tkinter, requests, urllib and more to interact with Amazon's Advertising API to pull the data and used matplotlib and seaborn library for producing the visualizations
- Optimized the manual data download time and graphs generation by over 95%

Emshol Auto-Attendance App Remote

Desktop App Developer (Freelance Contract) October 2020 - January 2021

- Built a desktop app that automates the attendance of passengers of the client's bus shuttles
- Utilized python libraries such as Tkinter, os, openpyxl (Excel), psycopg2 (PostgreSQL) and more to automate the attendance from several text files into an excel sheet
- Optimized the manual attendance upload by over 98%

LEADERSHIP AND VOLUNTEERING EXPERIENCE

Professionals In Data Remote

Team Lead (Volunteer) July 2022 – Present

- Train aspiring data scientists and data analysts by providing mentorship and also leading group projects
- Past projects include 'Sentiment Analysis of Elon Musk's tweets: The effect on Tesla's stocks', and 'Human vs Machine-based Analysis: What affects the gross profit of IMDB's top rated 1000 movies?'

EDUCATION

University Of Ilorin

Kwara, Nigeria

Electrical/Electronics Engineering

October 2016 - February 2022

SKILLS & LANGUAGES

Technical Skills: SQL, Python, NumPy, SciPy, Pandas, Scikit-learn, Machine Learning, Matplotlib, Seaborn, Panel, hvplot, holoviews, Data Visualization & Storytelling, Excel, Tableau, Data Manipulation and Analysis, OpenCV, Google DialogFlow, NLTK, Deap, Artificial Intelligence, Tkinter, Pygame, Desktop App Development, Git, Github, API Integration

Soft Skills: Problem Solving, Effective Communication, Teamwork, Time Management, Leadership

Languages: English, French, Arabic, Yoruba

Education

Work Experience (also specifically put skills)

Project Experience

Hard Skills

Accomplished X

As measured by Y

By doing Z

Also add cybersecurity projects