

SHEDRACK OKUTE

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PROFILE

Innovative and energetic data scientist with a physical science and Engineering background which make me stand out in bringing meaningful insights by analysing and preprocessing data for decision making that will drive business growth and for making quality predictions. A Kaggle expert and zindi generalist with significant data science experience.

TECHNICAL SKILLS

Tools (Python, Pandas,matplotlib, NumPy, SciPy, Scikit-Learn)

PROJECT

Top Ten Winners Bluechip Data & AI 2024 Summit Hackathon

Predicting Loan Creditworthiness" and Shape the Future of Financial Services!

- Used Pandas, NumPy and Scikit-learn to analyze and preprocess the data for model building
- Created several features like Depth to Income Ratio(DTI) etc.
- Developed a Logistic regression based model
- Developed several models
- Model Ensemble. Stacking of models produces a robust and generalized model

Wind Turbine Energy Prediction using machine learning

- Used Pandas, NumPy and Scikit-learn to analyze and preprocess the data for model building
- Used Scikit-learn to explore Linear Algorithms and some tree-based Algorithms

Qualities of this solution

- Using Machine Learning to Monitor Turbine Energy
- Using Machine Learning to Monitor System Capacity

Telecom Customer Churn Prediction.

Qualities of this solution

- Using Machine Learning to Prevent Company Revenue Loss due Customers churn
- Using Machine Learning to optimize growth

EXPERIENCE

Adapting to Climate Change by Improving Extreme Weather Forecast with RMSE(Evaluation metric) of 1.86 WiDS Datathon 2023, Kaggle

Qualities of this solution

- Using Machine Learning to Solve Climate Change Problem
- Helping the Aviation Industry to Improve Performance

Wind Fire Prediction Challenge at Zindi

Qualities of this solution

- Using Machine Learning to predict area susceptibility to wind fire
- Using Machine Learning to solve climate change

EDUCATION

B.Tech, Physics Electronics

Federal University of Technology Minna 2015 – 2021

2012 - 2014

National Diploma, ELECTRICAL ELECTRONICS ENGINEERING TECHNOLOGY

FEDERAL POLYTECHNIC KAURA Namoda

CERTIFICATION/TRAINING

Feature Engineering for Machine Learning 2023 Udemy

AI Everyday and Machine Learning with Python 2022 Data Science Network

AI Bootcamp

Data Science Network 2021

Python Programming Language 2021 Kaggle

Introduction to Machine Learning 2021 Kaggle

VOLUNTEER EXPERIENCE

Mathematics teacher and Python programming language instructor at Deeper Life Leadership and Entrepreneurship Programme.

Raising next generation leaders and entrepreneurs August 2022