

# IDONGESIT INYANG

## DATA ANALYST



### OBJECTIVE

Data Analyst with over 4 years of working experience familiar with the gathering, cleaning, and organizing data for use by technical and non-technical personnel. Highly organized, motivated and diligent with a significant background in Python.

### TECHNICAL SKILLS

LANGUAGES: **PYTHON, SQL**

TOOLS: **PANDAS, NUMPY, DOCKER, FLASK, BEAUTIFULSOUP, SCIKIT-LEARN,**

**MATPLOTLIB, T WEEPY, DECISION TREES, RANDOM FOREST, LOGISTIC**

**REGRESSION, XGBOOST, DICTVECTORIZER**

### EXPERIENCE

#### Data Analyst/Data Scientist

Hamoye.com

Jan 2022 - April 2022

#### Fraud Detection In Electricity And Gas Consumption For the Tunisian Company of Electricity and Gas(STEG)

- The aim of the project is to detect and recognize clients involved in fraudulent activities.
- Gathered clients billing history from Zindi
- conducted Exploration Data Analysis (EDA) of client features
- Feature Engineered the dataset to get more insight
- Built and tuned different models(Logistic regression, Decision Tree, Random Forest and XGBoost)and compared their performance.
- Saved and built a web application using Flask for the best model(XGBoost)
- Deployed the model on the AWS ElasticBean for use.
- This solution enhanced the company's revenues and reduced the losses caused by such fraudulent activities by 75%

### CONTACT

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<https://www.linkedin.com/in/idongesit>

#### Github

<https://github.com/idyweb>

### KEY SKILLS

- MACHINE LEARNING
- DATA MINING
- DATA ANALYTICS

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## Predicting Used Car Prices with Machine Learning

- There is a need for a used car price prediction system to effectively determine the worthiness of the car using a variety of features.
- Gathered and analyzed a car dataset to figure out what factors contribute to the price of a car.
- Conducted a univariate, bivariate and multivariate visualizations of cars features.
- Derived seven (7) most important features that determines prices of cars
- Built different models( Linear regression, Lasso regression, and XGBoost) to get different perspectives and compare their performance.
- According to XGBoost, these features provide 3960.11 RMSE just by using seven listed features.

### Data Analyst

#### ALX-T/ Udacity Nanodegree

May 2022 - August 2022

#### Medical Appointment No Show Analysis

- Analyzed a doctor's appointment dataset and investigated why patients do not show up for their appointments.
- Discovered that SMS reminder from the doctor helps patients to show up for appointments by 25%.

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## EDUCATION

B.Eng Civil Engineering

University of Uyo, Uyo

Jan 2013 - Nov 2018

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## CERTIFICATIONS

<https://confirm.udacity.com/DAXZ9RWM>

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## REFERENCES

[Available upon request.]

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