

# Izuchukwu John

## Machine Learning Engineer | Data Scientist

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### TECHNICAL SKILLS

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**Development:** Python, NumPy, Pandas, Scikit-learn, SQL, R, Excel, Scala, Spark, Flask, Plotly

**Additional:** Hypothesis testing, Heroku, Feature engineering, Matplotlib, Predictive Analysis, Regression and Classification analysis, Machine Learning

### PROJECTS

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#### Tanzania Water Pump, Data Scientist

<https://github.com/Izuchukwu1-king/>

- Built model to predict the functionality of the water pump.
- Interpreted data for the water pump showed functional, non-functional and functional needs repairs
- Purpose is to help the Tanzanian Government repair their water pump
- A Flask-powered web application that displays data about air quality.  
[[https://github.com/Izuchukwu1-king/demo\\_data.py](https://github.com/Izuchukwu1-king/demo_data.py)]
- Wrote code to interact with SQLite databases  
[[https://github.com/Izuchukwu1-king/demo\\_data.py](https://github.com/Izuchukwu1-king/demo_data.py)]

#### Chicago Food Inspection, Data Scientist

<https://github.com/Izuchukwu1-king/>

- Built a model to predict whether a food establishment would pass inspection or not before the inspectors arrival
- Purpose is to help inspectors use their time more efficiently by identifying establishments that will likely fail inspection

### EXPERIENCE

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#### Celdongroup Nigeria LTD, Technical Head

2019 – Present

- Achieved 80% resolution of faulty meters in the franchise area
- Promoted to become project manager and also as the technical head

#### PHEDC, Contract Field Technician

2016-2019

- Achieved 80% resolution of the customers electrical prepaid meter issue to enhance customers' regular purchase of prepaid meter tokens
- Became the best technician among other technicians due the capacity to resolve any kind of issue when others has failed

#### FCM Bank, Sales Personnel

2016 -2016

- Achieved 50% of sales by marketing and identifying new revenue generating opportunities
- Achieved 50% fixed deposit target to enhance revenue growth
- Achieved 50% in the issuance of loan to the targeted company workers

### EDUCATION

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#### BloomTech, Data Science Program

2024

#### Abia State University Uturu, Industrial Physics

2007-2012