

Idowu Odesanmi

📍 109 Sapele, Egbin Power Station Complex, Ijede, Ikorodu, 104102 Lagos, Nigeria

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Profile

An engineer turned data scientist who loves building and deploying data pipelines and machine learning models for solving business problems





Professional Experience



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|-------------------------------------|---|
| 02/2019 – present
Lagos, Nigeria | Operations Analyst, Sahara Power Group <ul style="list-style-type: none">• Querying live data gathered from field equipment and retrieving using SQL• Creating visualisations and dashboards using Microsoft Excel and Power BI to deliver business insights to stakeholders• Running performance checks on equipment to advise maintenance strategy on optimum paths. Key Achievement: <p>Saved 120 man-hours spent on manual field data logging every week by building an ETL pipeline using Microsoft Excel.</p> |
| 10/2018 – 02/2019
Lagos, Nigeria | Sales Analyst, Stebams Petroleum Servicing Limited <ul style="list-style-type: none">• Collated, structured and analysed equipment purchase and sales data for reporting to management.• Coordinated acquisition and sales of onshore and offshore exploration equipment and spares• Delivered sales pitches to clients and all other forms of correspondence |

Education

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| 2021 – 2022 | Data Science Nanodegree, Udacity Inc. |
| 2012 – 2017 | B.Sc. Chemical Engineering, Obafemi Awolowo University
First Class Honours |

Projects

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|---------|---|
| 12/2021 | Article Recommendation Engine, Recommendation for IBM Watson Studio 
Article recommendation engines built for IBM Watson's platform users with collaborative filtering, content-based, ranking and knowledge-based techniques! |
| 2021 | Disaster Response Model Pipeline,
<i>Detects victims in crisis and alerts first-responders</i> 
Built a disaster response model  for detecting victims during emergencies from social media posts. |
| 2021 | Probability Distribution Python Package 
Built a Python Package for computing data distribution properties like Probability Distribution Function, Mean, Standard Deviation, Variance |

- 2021 **World Bank Web-App** 
Built a Flask Web App to visualize economic indices of developed countries as gathered by World Bank.
- 2021 **Race vs Family Background** 
Researched how Race and Family Background affects Developer earnings and published findings popular data science blog (Analytics Vidhya).

Skills

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|--------------------|----------------------------------|-------------------------------------|
| • SQL Programming | • Microsoft Power BI | • Python |
| • Machine Learning | • Tableau | • Microsoft Office 365 Excel Expert |
| • Data Modelling | • HTML, CSS, Bootstrap and Flask | • AWS Elastic Cloud Compute |

Publications

- 2021 **Natural Language Processing for Detecting Victims in Emergency Situations,**
Idowu Odesanmi
<https://medium.com/nerd-for-tech/natural-language-processing-for-detecting-victims-in-emergency-situations-1f8776926c7>
- 2021 **11 must-know data types and structures as a python programmer,**
Idowu Odesanmi
<https://medium.com/nerd-for-tech/11-must-know-data-types-and-structures-as-a-python-programmer-45573fbec5bb>

Certificates

Microsoft Excel Expert Certification

Microsoft Inc. (September, 2021)

Complete SQL Bootcamp (PostgreSQL)

Udemy (March, 2021)

Python for Data Science and Machine Learning

Udemy (September, 2020)

Data Science Nanodegree

Udacity Inc. (In progress)

Languages

English

IELTS Overall Band: 8.0