MICHAEL DUBEM IGBOMEZIE(Data Scientist)

**EDUCATION**

Universita' degli Studi dell'Aquila (2021 – present)

MSc. Applied Data Science and Business Analytics

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GitHub:

<https://github.com/dub-em>

Pypi:

<https://pypi.org/user/Dubem/>

**CERTIFICATIONS**

Mathematics for Machine Learning, Imperial College (Aug 2021 – Oct 2021)

<https://github.com/dub-em/Imperial-College-Mathematics-for-Machine-Learning-Certificates>

Machine Learning Professional, IBM (Jun 2021 – Jul 2021)

<https://github.com/dub-em/IBM-Machine-Learning-Professional-Certificates>

Data Science Professional, IBM (Jan 2021 – May 2021)

<https://github.com/dub-em/IBM-Data-Science-Professional-Certificates>

Fields of Interest

Applied Data Science and Machine Learning

**TECHNICAL SKILLS**

Programming Languages: Python, SQL (MySQL, Postgres), SparQL

Tools:

-Script/Source Code Building: Jupyter, Spyder, Visual Studio, Atom, Bracket,

-Version Control: Git, Alembic

-Database Creation: PGAdmin, MySQL Workbench, IBM DB2, ERDPlus, AWS RDS, Azure Database, GCP SQL

-Cloud Services: AWS ECB, Azure, Google Cloud Platform, IBM Cloud, Heroku

-Visualization: Power BI, Tableau, Rstudio, Excel, Matplotlib/Seaborn

Current specialties: Supervised and Unsupervised M.L Algorithms, Statistical Learning, Third Party Library Development, API Development, Database Creation and Cloud Deployment

Referees

Engr. Dr. Terry Henshaw

Data Analyst Consultant

Company: KBB Africa

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Oluwasanmi Aderibigbe

Senior Android Developer

Company: Papershift

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Dr. Ebigenibo Saturday

Senior Lecturer

Institution: University of Port Harcourt

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Dr. Ogheneruona Diemuodeke

Assistant Director (OTI)

Institution: University of Port Harcourt

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**WORK EXPERIENCE**

Data Analyst - Knowledge Beyond Borders, Abuja-Nigeria (09/2019 - 08/2021)

* I worked with my manager to apply descriptive analysis, factor analysis and hypothesis testing on research data, in order to proffer solution to the downtime experienced by MTN communications system.
* I took part in the project to troubleshoot the state water supply system for the Kano state government in Nigeria, regarding its hindrance with self-sustainability, and

**NOTABLE PROJECTS**

Election-Campaign-Application

This project is the first phase of an intended bigger idea, which is based on raising awareness amongst the people on their rights and powers as the "people", helping them understand the government structure, get to know their leaders, and make their voices a lot more audible.

Project Sub-sections

-Election Database: Automating data extraction process into an AWS RDS Instance.

-Research Question API: Deployed API which analyses the data and answers research questions, using NLP algorithms. ([https://research-questions-api.herokuapp.com/docs#/](https://research-questions-api.herokuapp.com/docs%23/))

-Election Campaign TPL: A library deployed to support the API in Jupyter environment (<https://pypi.org/project/election-campaign/)>

Repo: <https://github.com/dub-em/Election-Campaign-Application>

Selection\_Method 0.0.3 - Third Party Library

Third Party Library (TPL) for selecting the optimal features in a given dataset using the various selection methods including stepwise algorithm amongst others.

<https://github.com/dub-em/Selection-Methods-PythonTPL>

Automated Script for predicting high impact Forex Economic News Release

This project entails the use of Beautiful soups and Selenium APIs to web-scrape an Economic News website of historic data of various news releases, loads these extracted and transformed data into an IBM DB2 database, and applies supervised machine learning algorithms on the database, to predict the most impactful news releases.

<https://github.com/dub-em/Automated-Web-Application-for-predicting-high-impact-Forex-Economic-News-Release>

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