



2024-03-19

# Local chapter challenge

Analyzing Tuberculosis Cases in Kaduna State from 2021 to 2023 using Data Science

CERTIFICATE OF  
ACHIEVEMENT

This certificate is presented to

**Chinedu Obasi**

Collaborator

---

## Project Impact:

Completed in 6 weeks, the project successfully developed an automation tool, visualizations, and made progress in the overall analysis of tuberculosis cases from 2019 to 2023 using data science.

*Omdena has confirmed the participation of this individual in the program. Confirm program completion at [confirm.omdena.com/LCmgndc](https://confirm.omdena.com/LCmgndc)*



# Certificate of Achievement



This certificate has been awarded for successfully completing the basic software skills training run by Software Carpentry.

The recipient was introduced to core computational skills, including task automation, version control, and modular programming.

Recipient: Chinedu Chamberlin Obasi

Date of Award: Dec. 11-15, 2023

Certified by: Anja LeBlanc, Gerard Capes, Nigel Green

 **software carpentry**



# Certificate of Graduation

Data Science

This certificate is presented to

**Obasi Chinedu Chamberlin**

in recognition of the successful completion of the required course of study  
for the Data Science Program at Spiced Academy  
for the period of 20.02.2023 to 19.05.2023

Awarded on 19.05.2023 in Berlin, Germany

A handwritten signature in black ink, appearing to read "A. Luck".

Anne Luck

Quality Manager

A handwritten signature in black ink, appearing to read "Ugur Ural".

Ugur Ural

Lead Teacher



## Confirmation of Participation in Data Science Program

We confirm that **Obasi Chinedu Chamberlin**, born on **1982-07-21** has participated and successfully completed the 12-weeks full time Data Science program beginning **20.02.2023** and concluding **19.05.2023** at Spiced Academy, Germany.

Students of our intensive Data Science course graduate with specialist knowledge of the most up-to-date techniques in programming, data engineering, data analysis and machine learning. During the course they develop an extensive portfolio of projects, demonstrating their ability to write production-ready code to tackle real-world use cases. Their communication skills, critical thinking capabilities and approaches to learning are also constantly refined throughout the course.

The curriculum includes the following technologies:

- Data analysis with Python
- Pandas and NumPy libraries
- Software Development Tools Git, Bash and Pytest
- PostGreSQL Database
- Data Visualization with Matplotlib and Seaborn
- AWS and Docker for data engineering and architecture
- Machine Learning with Scikit-learn and TensorFlow/Keras

Throughout the program students receive customized career support in workshops and in one-to-one career coaching sessions.

In the final week of the course, students build a Data Science application of their choice. On graduation day, they present their final project to an audience of Spiced students, partners and staff.

Issued on **19.05.2023** in Berlin

**SPICED Education GmbH**

Record of Achievement

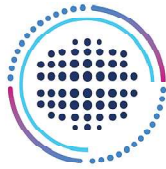
**Ethics and Governance of  
Artificial Intelligence for Health**

**Chinedu Chamberlin Obasi**

November 25, 2023



Verify online: <https://openwho.org/verify/xetan-dytoc-bigyh-kumac-pypeg>



HelloAI



Co-funded by the  
European Union



2023-12-24

Certificate ID: n1avgreaaxz

THIS CERTIFICATE IS AWARDED TO

**Chinedu Chamberlin  
Obasi**

Who has pursued studies and completed all the  
requirements of the

**HelloAI Advanced RIS Scholarship**

*Mathias Goyen*

**Prof. Dr. Mathias Goyen**  
*Chief Medical Officer EMEA*  
GE Healthcare

*Ferenci Lehel*

**Lehel Ferenczi**  
*Director Data & Analytics*  
GE Healthcare

*Dmitry Grishenkov*

**Dmitry Grishenkov**  
*Associate Professor, Docent*  
KTH Royal Institution of Technology

*Marc Masa*

**Marc Masa**  
*Head of Health and Biomedicine  
Department*  
LEITAT Technological Center



**LEITAT**  
Technological Center



**Edison**  
ACCELERATOR



**Maastricht  
University**

