FLORENCE EGWU

Data Scientist

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in LinkedIn   ○ Github

PROJECTS

Using Machine Learning to Predict Diabetes Likelihood

https://github.com/AI-fae/SCA-C4-final-project

📅 May 2021 - current

- I created a machine learning model to that predicts whether a patient admitted to an ICU is diagnosed with Diabetes Mellitus
- I Used CatboostClassifier algorithm and obtained an accuracy of 85.25% on submitting the test file predictions to the Kaggle leaderboard

Cleaning and preprocessing a loan prediction dataset

https://github.com/AI-fae/SCA-MP-C4-Assessments/blob/main/Exploratory%20data%20analysis.ipynb

📅 April 2021

- Wrangled and cleaned a dataset in preparation for modelling a loan prediction system
- visualized and analyzed the relationship that exist between variables to obtain meaningful business insight
- Published a detailed medium technical article to communicate my process effectively

Visualizing Suicide Trends Using Microsoft Power BI

https://florence-egwu.medium.com/visualizing-suicide-trends-using-microsoft-power-bi-41fa1c5005da

📅 April 2021

- Used the Microsoft power BI tool to draw insights and create simple, clear reports that communicates data effectively to a non-technical audience
- Explored the relationship between various factors and suicide rates in the world over the years
- published a technical article to communicate my process to others

SKILLS

Python (NumPy, Pandas, Scikit-learn, Matplotlib, Django)

SQL (MySQL, Postgres)

Git and GitHub

Time Series Forecasting

Modelling

Recommendation Engines

Customer Segmentation

Heroku deployment

data visualization (Tableau, Power BI)

Data analysis (Ms Excel)

EDUCATION

Certification

Data Science

SheCodeAfrica Mentoring Program

📅 March 2021 - May 2021

📍 Virtual

Bachelor of Science

University of Uyo

📅 2016 - current

📍 Uyo, Akwa Ibom State

🎓 GPA: 4.16

National Diploma

Akanu Ibiam Federal Polytechnic

📅 2013 - 2015

📍 Unwana, Ebonyi State, Nigeria