

ANITA OKOH

DATA SCIENTIST

ABOUT

Passionate about interpreting data, drawing out useful insights and building a model to predict outcomes using tools like Python, SQL, and machine learning algorithms.

CONTACT

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TECHNICAL SKILLS

Programming

Python, HTML, SQL, Bash

Python Libraries

Numpy, Pandas, Matplotlib, Seaborn, Keras/tensorflow, Scikit-learn, Spacy, Scrappy, BeautifulSoup etc

Techniques

Exploratory Data Analysis, Data wrangling, Feature Engineering, Data Preprocessing

Databases

PostgreSQL, MongoDB

Models & Algorithm

Linear Regression, Logistic Regression, Random Forest, Gradient Descent, Feed-Forward/Back Propagation, Naive Bayes, Support Vector Machine, ARIMA, Natural Language Processing(NLP)

Deployment Tools

Git, Flask, Docker, Metabase, Jupyter Notebook

Collaborative Tools

Slack, Trello, Google Colab

SOFT SKILLS

Creative spirit
Approachable and co-operative
Great Communicator
Fast learner
Self-motivated

TECHNICAL PROJECTS

LYRICS PREDICTOR

Description

- Built a naive bayes model to predict the likelihood of artists singing a particular song using NLP.

Skills used: Python, Web scrapping using BeautifulSoup, Scikit-Learn, Tokenization

BOOK SUMMARIZATION USING NATURAL LANGUAGE PROCESSING

Description

- Created a framework that summarized books and analyzed the emotions of each chapters

Skills used: REGEX, LSA, NLP

FRAUD DETECTION PREDICTION

Description

- Built and analysed 3 machine learning models in order to get the best accuracy for predicting fraudulent transaction in an ecommerce company.

Skills used: Data Wrangling, Feature Engineering, Cross-validation

WORK EXPERIENCE

DATA SCIENTIST INTERN

One Finance & Investment Limited | Lagos, Nigeria | Jan 2019 - Apr 2019

- Succeeded in differentiating the returning customers in the past year from the 1000 new clients acquired at the beginning of the year. This data was further used for customer churn prediction.

DATA ANALYST SUPPORT

GitGirl | Lagos, Nigeria | Dec 2018 - Mar 2019

- Analyzed the initial educational process of students which improved engagement rates from 20% to 60% in a month.
- Worked as the Lead support to single-handedly manage the curriculum aspect as well as student affairs and supported the management team in terms of decision making and model changing.

OPERATIONS MANAGER

Univelcity | Lagos, Nigeria | May 2018 - Dec 2018

- Examined historical data to determine the declining revenue level and contributed to its improvement by 50% in the first month.
- Created and restructured the work flow and KPIs from scratch for 3 new departments.

EDUCATION

DATA SCIENCE BOOTCAMP

SPICED ACADEMY | Berlin, Germany | Jul 2019 - Sep 2019

- Analyzed and predicted data outcomes using supervised models like Random Forest models as well as diving into deep learning and text processing.
- Learnt over 6 machine learning models at a high speed rate in 2 months, spending over 120 hours practicing.

DATA FOUNDATION NANODEGREE

UDACITY | San Francisco, U.S | May 2018 - Dec 2018

- Worked with tools like Tableau and SQLite in order to analyse big data

B.SC ECONOMICS

UNIVERSITY OF LAGOS | Lagos, Nigeria | Oct 2010 - Feb 2015

- Graduated with a 3.9 GPA