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| **Ndifreke OKORIE**  Phone: +358468955815  Email: ndi7@yahoo.co.uk  LinkedIn: <https://www.linkedin.com/in/ndifreke-okorie-6a105328> **Summary**  A professional with 2 years of experience in EDA (including visualization), Machine Learning, Deep Learning, Big Data, Cloud Technologies, DevOps, Artificial Intelligence and System Automation in various Domains.  **Professional Skills /Tools**   * **Programming skill**: Python, R, SQL * **Statistical Modelling**: Exploratory Analysis, Inferential Analytics, Hypothesis testing, ANOVA, ANCOVA * **Machine Learning**: Decision Tree, Random Forest, K-Means Clustering, KNN, Regression, Logistic Regression, Naive Bayes, SVM, SVR, PCA * **Deep Learning**: Neural Network (ANNs), LSTMs * **Text-Analytics & NLP**: Text Data Cleaning Methods, TF-IDF, Distance Measures in Text, Sentiment Analysis, Named Entity Recognition (NER), POS Tagging * **Big Data & Cloud Technologies**: Google Cloud (GCP), Azure & AWS * **Visualizations**: Tableau, Power BI, Matplotlib, Seaborn * **Operating Systems**: Linux, Windows, Mac OS * **Miscellaneous**: Rest APIs, Text Analytics, Market Basket Analysis, Dimensionality Reduction, Outlier Detection | **Education**   * M.Engr Big Data Analytics, Arcada UAS, Helsinki -currently in progress * University of Texas, Austin. McCombs School of Business/Great Learning Post Graduate Program in Artificial Intelligence and Machine Learning (PGP-AIML) in Collaboration with GreatLearning of India. Graduation Aug-2020 * University of Calabar, Calabar   B.Sc. Physics  Graduated June 1995  **Employment History**  Bouygues Construction Nigeria Limited 2013 – 2021  IT Manager   * Successfully built a machine learning model to solve decision making problems (predicted the best concrete mixtures, as per different types of component percentage mixture) using Hypothesis testing and Central Limit Theorem * Successfully carried out a data analysis/Visualization and tracking of construction correspondence with clients   **Academic Projects/Kaggle Work in Data Science** e-portfolio: <https://eportfolio.greatlearning.in/ndifreke-sunday-okorie>  GitHub projects codes: <https://github.com/packetech/>   1. **Statistical Learning -** To dive deep into the data set to find some valuable insights on customer profile based on several statistical tests **Skills and Tools -** Descriptive statistics, inferential statistics, hypothesis testing 2. **Supervised Learning** - Identified potential loan customers for Thera Bank using classification techniques.  **Skills and Tools-**Logistic Regression, KNN, Classification 3. **Ensemble Techniques** - Term Deposit Subscription Prediction. To help the marketing team identify potential customers to subscribe to a term deposit **Skills and Tools -** Ensemble Techniques, Boosting, Random forest, Bagging 4. **Featurization, Model Selection & Tuning** - Predicting the Strength of high-performance concrete. **Skills and Tools -** Regression, Decision trees, feature engineering 5. **Unsupervised Learning** - Classifying silhouettes of vehicles. Used PCA to reduce dimensionality and SVM for classification. **Skills and Tools -** Support Vector Machines, Principal Component Analysis, Classification 6. **Neural Network and Deep Learning** - Implementing a Image classification neural network to classify Street House View Numbers **Skills and Tools**- Neural Networks, Deep Learning, Keras, Image Recognition 7. **Computer Vision** - Face Detection & Recognition **Skills and Tools**- Computer Vision, CNN, Transfer Learning, Object detection, Computer Vision, Keras, CNN, Siamese Networks, Triplet loss 8. **Natural Language Processing** (NLP)– SarcasmDetection and **Recommendation Systems**- Building recommendation system for products on an e-commerce website like Amazon.com **Skills and Tools– Pre-processing, TF-IDF, Word Enbeddings, POS tagging, Bi-directional LSTM,**Collaborative Filtering 9. **Capstone project:** ​Automatic Ticket Assignment (Sorting and automatically assignment Incident Management process tickets to various groups to provide a quick fix/workarounds to ensure no businessimpact.   **Activities:** Participated in Great Learning World-wide Hackathon, May 2020 |