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# Celdrick Ndze Kuta

Data Scientist

Portfolio: [Makedatashine.com](https://makedatashine.com)  
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## EDUCATION

<b>MSc. in Applied Statistics,</b>	Illinois State University	<b>May 2021</b>
<b>MSc. in Computer Science,</b>	University of Yaoundé	<b>Jul 2016</b>
<b>BSc. in Mathematics   Computer Science,</b>	University of Buea	<b>Jul 2010</b>

## SKILLS

<b>Tools and Languages</b>	Python, R, Git, MATLAB, SQL, Oracle, SAS, MySQL Developer, Azure Databricks, AWS Console, IBM Cloud, AWS SageMaker, AWS Kinesis, AWS Glue, Time Series, CSS, HTML5, JavaScript, $\LaTeX$ , Markdown.
<b>Soft Skills</b>	Machine Learning, Deep Learning, CNN, NLP, TCN, ETL, GAN, TensorFlow, Keras API, Random Forest, LDA/QDA, XGBOOST, Power BI, Tableau, AWS QuickSight, Hyperparameter Tuning, Model deployment.
<b>Others</b>	Communication (English & French), Hadoop, Spark, VBA, Database design, C, C++, R Shiny, SDLC.

## TECHNICAL EXPERIENCE

<b>Data Scientist</b> <i>Elevated Technologies</i>	<b>Mar 2020 — Present</b> <i>Houston, TX</i>
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- Developed model to predict insurance claim severity on client's data set.
- Performed Data Wrangling, Exploratory data analysis, outlier treatment, missing values, variable encoding.
- Predictive analysis of client's data set for preparation of offers and other campaigns for selling financial products.
- Performed Dimensionality reductions with PCA, Class imbalance.
- Hyper-parameter tuning with Random Search.
- Data Visualization AWS QuickSight

<b>Data Scientist</b> <i>Optimum</i>	<b>Apr 2019 — Feb 2020</b> <i>Houston, TX</i>
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- Predictive maintenance models to develop defect detection, classification and localization models.
- Data visualization and pre-processing with Python Pandas, Matplotlib and Seaborn .
- Deep Learning TensorFlow Model development with ResNets, ResUnets, CNN.

<b>Data Scientist</b> <i>Hirewell</i>	<b>Jul 2018 — Mar 2019</b> <i>Chicago, IL</i>
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- Web scrapping text/unstructured data from eCommerce website Home Chef with python beautiful Soup.
- Application of NLP to perform Sentiment analysis on considerably large data set.
- Feature Extraction and Modelling with Naïve Bayes classifiers model, Logistic Regression using scikit-Learn.

<b>Data Analyst</b> <i>Panus Software</i>	<b>Nov 2016 — Jun 2018</b> <i>Buea, Cameroon</i>
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- Coordinated detailed industry analysis, research, drafted reports and developed analytical insights for Banking Clients to optimize marketing strategy by performing customer segmentation.
- Apply clustering ML technique K-means algorithm and auto-encoders, PCA.
- Created dashboards that identified KPIs, defined new columns.
- Involved in creating database objects like tables, views, procedures, triggers, and functions using T-SQL to provide definition, structure and to maintain data efficiently.

## RECENT PROJECTS

<b>Medical Insurance Premium Prediction</b>	<b>Jan 2022</b>
<ul style="list-style-type: none"><li>• Train a Linear learner, multilayer perceptron Networks in AWS SageMaker.</li><li>• Deploy Model and invoke endpoint in SageMaker.</li></ul>	
<b>Disease detection Automation</b>	<b>Jan 2022</b>
<ul style="list-style-type: none"><li>• Application of CNN architectures, transfer Learning and ResNets.</li><li>• Model evaluation and deployment.</li></ul>	

## ACHIEVEMENTS

IBM Data Science Professional Certificate	<b>Jan 2021</b>
Power BI	<b>Jan 2021</b>
AWS SAA	<b>Jun 2021</b>
Linux DBA	<b>Aug 2021</b>
Society of Actuaries Exam P/1	<b>May 2019</b>