

ABDOULAYE BALDE

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Education

Sharda University

Bachelor of Science in Computer Science

Dec. 2017 – Present

Noida, UP

Experience

Machine learning lead for Developer Student ClubS Sharda University

May 2020 – present

Google Developer Student club

Greater Noida, Sharda University

- Talk on how to get started with Machine Learning using python were I covered basics of pandas and matplotlib for data manipulation and visualization.
- Talk on how to get started with git and github to manage project and collaborate with others.
- Talk on how to use vim as python IDE and fast file editing tool.
- To make an Exploratory Data Analysis web app using streamlit and pandas.

Projects

Song Popularity prediction | *Python, LighGBM, Pandas Catboost*

January 2022

- * Developed a model to predict the popularity given song.
- * The evaluation metric for this competition is Area Under the ROC Curve (AUC).
- * Kaggle Competition ranked 203/535 final with score of 0.57079.

Prediction of how likely a person own a bank account in Africa | *Python, XGboost Pandas*

November 2021

- * Develop a machine learning model to determine how likely a person own a bank account in Africa.
- * Training label was balanced with SMOTE and Model was trained with many algorithms such as Xgboost, Random Forest etc.
- * Achieve a score of 90.66 percent of accuracy and 90.86 of F1 score.

Expresso Churn Prediction Challenge | *Python, Pandas, Sklearn*

October 2021

- * Designed a model to predict when an airtime customer Will move to another provide.
- * Used python pandas, matplotlib sklearn, cross validation to avoid overfitting the model, etc.
- * Ranked 274 out of 437 with a score of 0.9176 percent of Area Under the Curve (AUC) score.

Relevant Coursework

- | | | | |
|------------------------|-----------------------|---------------------------|-------------------------|
| • Data Structures | • Algorithms Analysis | • Artificial Intelligence | • Linear Algebra |
| • Software Methodology | • Database Management | • Probability Statistics | • Computer Architecture |

Technical Skills

Languages: Python, C, HTML/CSS,SQL, C++

Developer Tools: Neovim, VS Code, Google Cloud Platform

Technologies/Frameworks: Linux, GitHub, Sklearn, Pandas, Keras, matplotlib, seaborn, streamlit, pytorch(beginner)

Extracurricular

- * School Management System I used python and CSV to make a simple app to record and organize information of students in a CSV format.
- * Tanzania Tourism Prediction Challenge by Pycon Tanzania Community.Can you use tourism survey data and ML to predict how much money a tourist will spend when visiting Tanzania.
- * Technical Support Fundamentals Google Coursera Certificate.
- * Data Analysis with Python IBM Courera Certificate.
- * Machine Learning with Python IBM Courera Certificate.
- * Google Cloud Product Fundamentals Courera Certificate.