Using Machine learning For Identifying Images of Nigerian Movies Icons

Overview

The aim is to use machine learning to train images of Nollywood stars(Nkem owoh,jim iyke,Zack Orji). Use opencv to read their faces .Those image are then feed to a machine learning algorithm,we train them and test them. At the end the model is saved .

A python flask application is built ,and the generated model is copied to the flask application .From the flask web application we can upload images of (Nkem owoh,jim iyke,Zack Orji) and we feed them to the model we generated . It returns the name of the Artrist

Tools used

Pandas ,Flask ,sklearn,Jupter Notebook ,Pycharm,opencv ,tensorflow,keras,matplotlib

Machine Learning Algorithm used

Support vector Machine(SVM)

Random Forest Classifier

Logistic regression







