Aditya Nagose

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Objective:

To seek a position where I can utilize my knowledge and skills. To pursue a challenging career and be a part of progressive organization that gives a scope to enhance my knowledge and utilize my skills towards the growth of the organization.

Skills:

Technical Skills:

- C
- Linux
- High Performance Computing
- Python
- Computer Architecture

Interpersonal Skills:

- Punctual
- Hard Working
- Motivated
- Optimistic
- Good Listener

Education:

- Completed a Post Graduate Diploma in High Programming Computing in Application Programming (PG-DHPCAP) at C-DAC ACTS, Pune with 62.5 % (Batch September 22 - March 23).
- Completed B.Tech in Electrical Engineering from Government College of Engineering, Amravati with 66 % (CGPA - 7.35).
- Completed XII (HSC) from Shri. Narayanrao Makde High School and Late Rambhauji Dhole Junior Science College, Yavatmal with 70.46 %.

Project:

1. **Title:**
   Understanding Risk Analysis in Banking and Financial Services & Understand How Data is used to Minimize the Risk of Losing Money.
   Summary:
   Dataset: Lending Club (entries from 2007 to 2018). The dataset contains 2260701 entries and 151 features (Raw data). The complete project has been divided into

three parts, EDA, Model training, and Model Prediction after reading the dataset using Pandas. The Entropy of each column has been checked for a low level of purity. EDA is performed to observe different categories of loans, the reason for borrowing the loan, the purpose of the loan, grades, interest rate by grade and loan status, installment distribution, interest rates according to employee length, and dealing with missing values.

Business Case 1: To predict if a borrower will clear his/ her loan.

Business Case 2: To predict the loan amount that can be borrowed.

Models Used: Logistic Regression, Decision Tree Classifier, Decision Tree Regressor, Gaussian NB, LGBM Classifier, K Neighbors Classifier, Random Forest Classifier, SVC, and CatBoost Classifier to calculate accuracy & making predictions.

2. **Title:**
Voltage Sag and Swell Detection and Mitigation in Single Phase System.
Summary:
In this project, we have shown the operating principle of Dynamic Voltage Regulator (DVR) using MATLAB Simulink and also shown the end result of detection and mitigation of Voltage Disturbance (Sag and Swell) in a single phase system in the form of graphs.

3. **Title:**
 Disaster Management with Smart Circuit Breaker using Arduino.
Summary:
In this project, we have ensured safety against electrical fire or shock with indication during earthquake, flood, gas leakage & fire breakout by disconnecting mains with smart CB using board.

Extra Curricular Activity:

- Technical Certification: C Language - NASCOM E-Technologies Pvt. Ltd.

Hobbies:

- Playing Football
- Tree Plantation
- DIY Project from waste
- Listen to Music
- Watching Movies
- Gymming

Languages Known:
- English
- Hindi
- Marathi