Abhishek Bhadange

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Personal Profile

I'm currently a Final Year undergrad pursuing Electronics and Telecommunication Engineering in Pimpri Chinchwad College of Engineering. I'm looking for an opportunity to strengthen my skills and have a strong urge to hone my abilities in professional analytical tools and statistics. I'm currently learning Data Structures and Algorithms & CP.

Education

Pimpri Chinchwad College of Engineering   *Pune, India*
B.Tech in Electronics and Telecommunication Engineering   *Feb 2021 - Current*
- CGPA: 9.44
- **Courses:** Programming and Problem Solving, Data Structures and Algorithms, Neural Networks and Fuzzy Logic Controller, Object Oriented Programming, Digital Image Processing, Statistical Data Analysis Using R, Artificial Intelligence and Machine Learning, Digital Signal Processing ,Advance Java Programming, Web Technology, Computer Networks and Security, Database Management System.

Projects

Pizza Sales Analysis using MySQL and Power BI   *Pune, India*
Personal Project   *Dec 2023*
- The primary objective was to unravel patterns, trends, and performance metrics within the pizza sales data. The MySQL database was employed to query and manipulate the data effectively to extract valuable insights and key performance indicators (KPIs).
- Power BI was employed to establish a connection with the MySQL database, facilitating the creation of dynamic and informative dashboard, showcasing a range of charts and graphs that encapsulated crucial information for the client.

Diabetes Prediction Model using Machine Learning   *Pune, India*
Pimpri Chinchwad College of Engineering   *Jan 2023 - Apr 2023*
- Engineered features and applied data preprocessing techniques for the PIMA Indians Diabetes dataset, enabling the development of a robust machine learning model with 81% accuracy in diabetes prediction.
- Study and implementation of machine learning classification algorithms: K nearest neighbour, Support vector machine, Decision tree, Random Forest and Stacked Classifier.

Re-Engineered TV Remote Controller   *Pune, India*
Pimpri Chinchwad College of Engineering   *Aug 2022 - Nov 2022*
- Reverse engineering a rechargeable torch to compare and analyse the charging circuitry of a remote and replace the primary cells of remote by a secondary rechargeable battery without intervening the functioning of the remote.
- A controller buzzer system integrated with the remote to locate the remote if misplaced.

ADAS collision based system using MATLAB   *Pune, India*
Pimpri Chinchwad College of Engineering   *Mar 2022 - June 2022*
- To detect the collision between robot and the obstacles present in the user defined environment and issue a warning prior to collision.
- Performing a simulation using MATLAB software, using in-built toolboxes like LIDAR toolbox and Navigation toolbox to design the system.

Skills

Programming	Python (Pandas, NumPy, Scikit-learn), C/C++, HTML/CSS/JavaScript, Java, R, OOPs, SQL
Miscellaneous	Data Analysis, Machine Learning, MATLAB, Power BI
Soft Skills	Problem Solving, Communication, Teamwork, Time Management

Certifications

AWS	Cloud Foundations, Machine Learning Foundations
Coursera / LabView	Google Data Analytics / Machine Learning
Mathworks	MATLAB Onramp, Simulink Onramp, Machine Learning Onramp
GFG	Data Structures and Algorithms

Achievements

- Gold medalist in the ENTC department for academics in FY-BTECH 2021.
- Secured a spot in the final round of the Electrica event at TechFest 2021.
- 2-STAR @CODECHEF.