Vaishnavi Vajrala

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Objective:

- Seeking a challenging Data Science or related position to leverage my analytical skills and programming expertise in python to extract valuable insights from complex datasets.

Education:

RGUKT Ongole , Ongole   **(08/2020-04/2024)**

- B. Tech, Electronics And Communication Engineering
- CGPA: 7.2

Technical Skills:

- Database language: SQL
- Visualization tool: Power BI
- Programming language: Python, Machine Learning.
- Intermediate Skill: MS Excel

Experience:

- Data Science Intern at AI Variant   **(22/08/2024-22/02/25)**
- Telecommunication project, In this project we Built and deployed a machine learning model to predict customer churn using Python, scikit-learn, and Streamlit/Flask.
- Conducted data preprocessing, feature engineering, and EDA to optimize model performance.
- Achieved high accuracy with models like Logistic Regression and Random Forest, evaluated using metrics like precision and ROC-AUC.
- Developed a user-friendly interface and saved the model as a '.pkl' file for reuse.
- Another project is solar power generation , The project tests different types of regression, like linear, polynomial, and support vector regression, using real-world data from solar panels.

Projects:

Loan Sanction Dataset

- This data science project aims to develop a predictive model for loan sanction approval using a com prehensive dataset containing applicant information, employment status, and other relevant features.

- The project will involve data preprocessing, feature engineering, and the application of machine learning algorithms to create a robust model capable of evaluating loan applicants.

- By Implementing data science techniques and machine learning algorithms, we can build powerful models to predict loan approval decisions. This project demonstrates the potential of data – driven approaches to improve the efficiency and accuracy of loan approval processes.

Hand Gesture And Health Care

- Hand gesture is one of the method used in sign language for non-verbal communication.
- It is most commonly used by deaf & dumb people who have hearing or speech problems to communicate among themselves or with normal people.
- This gesture information is processed by the Arduino UNO microcontroller and corresponding voice output is given through speaker in the desired languages .
- The hardware components that we use in this project are Arduino Uno, Flex sensors, Max303102 sensor, Mp3 player, Speaker, Lcd.

Certifications:

- **Excelr:** Data Science Course   **(OCT 2024)**

Declaration:

I here by declare that the above provided information is true to best of my knowledge and belief.