Priyanshi Dobariya

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ABOUT ME

I am an enthusiastic data professional deeply committed to my craft. I thrive in challenging and dynamic environments, continually seeking fresh opportunities to expand my skill set. My area of expertise lies in data analysis, and I am a self-motivated individual with a strong drive to learn and grow. I am excited to bring my talents to new endeavors and take on new challenges.

LANGUAGES

- English
- Hindi
- Gujarati

TECHNICAL SKILLS

- **Programming Languages:** C, Java, Python, HTML, CSS, JavaScript, PHP
- **Technologies:** Machine Learning, Data Science, Basic NLP, Flask, MongoDB, MySQL
- **Libraries/Frameworks:** ReactJS, Matplotlib, Numpy, Pandas, Scikit-learn, Keras, TensorFlow

EDUCATION

Bachelor of Engineering and Technology   **2021-2025**
Sarvajanik College of Engineering & Technology   CGPA(Till 6thSem):9.5

CERTIFICATIONS

Machine learning A-Z:AI, Python and R + ChatGPT
Prize [2024] - Udemy

PROJECTS

Cat or Dog Image Prediction

- Role: Sole Developer
- To develop a machine learning model capable of accurately classifying images of cats and dogs.
- Preprocessed and augmented a dataset of cat and dog images to improve model performance. Coded the model using Python and machine learning libraries such as TensorFlow and Keras.
- Evaluated the model using various metrics such as accuracy, precision, and recall.
- Fine-tuned hyperparameters to enhance the model's accuracy and reduce overfitting.

Plant Disease Detection

- Role: Sole Developer
- Designed and implemented a Convolutional Neural Network (CNN) model for image classification of plant diseases. Collected, preprocessed, and augmented a dataset of diseased and healthy plant images.
- Utilized Python and machine learning libraries such as TensorFlow and Keras for model development.
- Evaluated the model using metrics such as accuracy, precision, recall, and F1 score.
- Fine-tuned hyperparameters and employed techniques like dropout and batch normalization to enhance model performance and prevent overfitting.
- Developed a CNN model with a validation accuracy of 82%.
- Enhanced understanding and practical application of deep learning techniques in the field of agriculture.