Sandip Dusadh

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CAREER OBJECTIVE

Data Science undergraduate with hands-on experience in machine learning, deep learning, and data pre-processing. Built predictive models including CNN-based image classifiers and loan eligibility systems. Strong foundation in Python, SQL, and exploratory data analysis with practical experience in model evaluation and validation.

SKILLS

Programming: Python, SQL, R
Data Analysis: Pandas, NumPy, Matplotlib, Seaborn
Machine Learning: Scikit-learn ,Regression, Classification, Clustering, Model Evaluation, Feature Engineering
Deep Learning: CNN, TensorFlow and Keras
Tools: Jupyter Notebook, Google Colab, Git, GitHub,R studio,VS code
Database: MySQL,PostgreSQL

PROJECTS

Explainable Cat vs Dog Image Classification Using CNN

Developed a CNN model achieving 90% validation accuracy on image classification dataset. Applied data augmentation and regularization techniques to reduce overfitting. Visualized model predictions using interpretability methods.

3D Avatar from 2D Image

Implemented image preprocessing techniques and geometric transformations to generate 3D representation from 2D input. Optimized image handling pipeline for improved visualization output. Collaborated on model experimentation and documented findings for reproducibility.

Loan Eligibility Prediction

Performed data cleaning and feature engineering on structured financial dataset. Trained Logistic Regression and Random Forest models achieving 85% accuracy. Evaluated performance using confusion matrix and cross-validation.

EDUCATION

2023 – 2027	B.E. Computer Science & Engineering (Data Science) **Anjuman-I-Islam's Kalsekar Technical Campus, Navi Mumbai**
2023	HSC – **72%**, Sainath Jr. College
2021	SSC – **78.20%**, S. Veer Savarkar Hindu Vidyalaya

CERTIFICATIONS

Google Cloud Skills Boost   Completed labs in Compute Engine, IAM, Cloud Storage, BigQuery