Dhananjai Kumar Pandey
Data Scientist | Machine Learning Engineer

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in https://www.linkedin.com/in/dhananjai-kp/   ⌂ https://www.github.com/dhananjai-kp/

Projects

Brain Tumor Progression Classification, (Ongoing Image Processing Project)
Brain cancer patients MRI image dataset, extracting metadata of patient from DICOM image file, using OpenCV library for data augmentation, cropping the image by finding the contours of the brain, plotting sample image using matplotlib, using multi-layered basic CNN model, tuning different layers of CNN model to achieve better accuracy

House Price Prediction (Regression)
Kaggle dataset with 80 features, encoding categorical   variables, feature selection, comparison of multiple regression models on the dataset

Student Grade Prediction (Multi-Class Classification)
Student's dataset from UCI, binning the target variable to make grades, feature selection, comparing performance of random forest, SVC and KNN models on the dataset

Bank Customer Survey Prediction (Binary Classification)
Bank customers' dataset from kaggle, comparison of SVC, KNN, Random forest, gaussianNB, XGB, Adaboost and decision tree classifiers

Credit Card Fraud Detection (Anomaly Detection)
Comparing Local outlier Factor, Isolation Forest, and SVM one class models to detect fraud on the dataset

Skills

Languages
Python

Packages & Frameworks
Pandas, Numpy, Tensorflow, Keras

Professional Experience

07/2011 – present	**Full-Time Volunteer,** ISKCON	Mumbai

Proficiencies & Certifications

07/2007 – 2011	**B. Tech. (Biomedical Engineering),** Bharati Vidyapeeth University	Pune
08/2020 – present	**Data Science Transition Program,** Greyatom	Mumbai
07/2007 – 2011	**B. Tech (Biomedical Engineer),** Bharati Vidyapeeth University	Mumbai