



Aislyn Technologies Pvt Ltd

Machine learning with Image Processing Projects :

ATIPML0001: DWT based Enhancement in Security and Copyright Protection Technique Audio Based Violent Scene Classification

ATIPML0002: Banana Leaf Disease Identification Using Image Processing with machine learning algorithm

ATIPML0003: Blood group Detection based on RBC and WBC Counting

ATIPML0004: Brain Tumor Detection and classification using MRI and CT scanned Images

ATIPML0005: Machine Learning based Brain Tumor Detection and classification Using Image Fusion

ATIPML0006: Multiresolution Edge Detection using Particle Swarm Optimization

ATIPML0007: Human Identification from Brain EEG signals Using Advanced Machine Learning Algorithms

ATIPML0008: Eye Cataract Detection using Digital Image Processing

ATIPML0009: FACIAL EXPRESSION RECOGNITION USING DEEP MACHINE LEARNING

ATIPML0010: Automatic Recognition of Fake Indian Currency Note using Machine learning Algorithms

ATIPML0011: Early detection system for foot ulceration in diabetic patients

ATIPML0012: GSVD Based Image Watermarking for Copyright Protection Perceptual Image Hashing Based on Weber Local Binary Pattern and Color Angle Representation

ATIPML0013: Image cryptography using AES Algorithms for secure communication

ATIPML0014: Mosaic secret-fragment-visible data hiding for secure image transmission based on two-step energy matching

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ATIPML0015: Machine Learning for Grading of Harvested Mangoes based on Maturity and Quality

ATIPML0016: Multiple Tracking of Moving Objects with Kalman Filtering and PCA-GMM Methods

ATIPML0017: Multiple Object detection and Tracking using kalman filter

ATIPML0018: IMPROVED SLM FOR PAPR REDUCTION IN OFDM SYSTEM

ATIPML0019: Convolutional Neural Network for Retinal Blood Vessel Segmentation and classification

ATIPML0020: Sugarcane Leaf Disease Detection and Severity Estimation Based On Segmented Spots Image

ATIPML0021: Spinal Curvature Determination from Scoliosis X-Ray Image Using machine learning

ATIPML0022: Content Based Image Retrieval Using Machine learning

ATIPML0023: Automatic Face mask detection for Covid-19

ATIPML0024: Hand Gesture Detection and recognition using Machine learning

ATIPML0025: Insect pest image detection and recognition based on bio-inspired methods

ATIPML0026: Multimodal biometric system based on Human signature and Palm Image

ATIPML0029: Feature fusion by using LBP, HOG, GIST descriptors and Canonical Correlation Analysis for face recognition

ATIPML0030: Classification and Counting of Mycobacterium Tuberculosis from Sputum Microscopic Image using Fuzzy Logic

ATIPML0031: Bias Remediation in Driver Drowsiness Detection Systems Using Generative Adversarial Networks

ATIPML0032: Content-Based Image Retrieval using Convolutional Neural Networks

ATIPML0033: covid19 detection in x-ray images using cnn algorithm

ATIPML0034: Classification of Private Tweets using Tweet Content

ATIPML0035: Key Generation for Zero Steganography Using DNA Sequences

ATIPML0036: Deep Learning-Based Fake-Banknote Detection for the Visually Impaired People Using Visible-Light Images Captured by Smartphone Cameras

ATIPML0037: Real Time Fake Currency Note Detection using Deep Learning

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ATIPML0038: GAN-Based Image Super-Resolution with a Novel Quality Loss

ATIPML0039: Fruit Categorization And Disease Detection Using MI Raspberry Pi Based Fruit Categorization And Quality Maintenance With Disease Detection Using Ai And Machine Learning

ATIPML0040: Lung Disease Classification using GLCM and Deep Features from Different Deep Learning Architectures with Principal Component Analysis

ATIPML0041: Image Denoising via Sequential Ensemble Learning

ATIPML0042: Image To Image Translation Using Generative Adversarial Network

ATIPML0043: Local polynomial contrast binary patterns for face recognition

ATIPML0044: Masked Face Recognition for Secure Authentication

ATIPML0045: Multipose Face Recognition-Based Combined Adaptive Deep Learning Vector Quantization

ATIPML0046: Hybrid face recognition under adverse conditions using appearance-based and dynamic features of smile expression

ATIPML0047: Testing of Agriculture Soil by Digital Image Processing

ATIPML0048: Signature Image Hiding in Color Image using Steganography and Cryptography based on Digital Signature Concepts

ATIPML0049: Classification and Counting of Mycobacterium Tuberculosis from Sputum Microscopic Image using Machine learning

ATIPML0050: Multi-Person Tracking in Smart Surveillance System for Crowd Counting and Normal/Abnormal Events Detection

ATIPML0051: Pedestrian Crowd Detection and Segmentation using Multi-Source Feature Descriptors

ATIPML0052: Brain Tumor Detection and classification Using CNN Classifier

ATIPML0053: RETINAL DISEASE SCREENING THROUGH LOCAL BINARY PATTERNS

ATIPML0054: A new image encryption algorithm based on heterogeneous chaotic neural network generator and dna encoding

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ATIPML0055: Music Genre Classification and Recommendation by Using Machine Learning Techniques

ATIPML0056: Sign Language Recognition Using Image Based Hand Gesture Recognition Techniques

ATIPML0057: Autonomous Traffic Sign (ATSR) Detection and Recognition using Deep CNN

ATIPML0058: Performance Analysis and Evaluation of Machine Learning Algorithms in Rainfall Prediction

ATIPML0059: Vision-Face Recognition Attendance Monitoring System for Surveillance using Deep Learning Technology and Computer Vision

ATIPML0060: Implementation of Elliptic Curve Cryptography over a Server-Client network

ATIPML0061: GENERATIVE ADVERSARIAL MULTI-TASK LEARNING FOR FACE SKETCH SYNTHESIS AND RECOGNITION

ATIPML0062: Personalized Fashion Recommendation using Deep Learning

ATIPML0063: Real time Hand gesture control based media player

ATIPML0064: Sign Language Recognition System Using Deep Neural Network

ATIPML0065: Towards Improved Human Action Recognition Using Convolutional Neural Networks and Multimodal Fusion of Depth and Inertial Sensor Data

ATIPML0066: Deep Learning for Recognizing Human Activities using Motions of Skeletal Joints

ATIPML0067: Deep Learning Based Indian Currency Detection for Visually Challenged using VGG16

ATIPML0068: Machine Learning-Based Automatic Classification of Knee Osteoarthritis Severity Using Gait Data and Radiographic Images

ATIPML0069: Diabetic Retinopathy Classification using machine learning

ATIPML0070: Offline Signature Recognition and Verification System Using Artificial Neural Network

ATIPML0071: Real Time Vehicle Detection, Tracking and Counting Using Raspberry-Pi

ATIPML0072: Block Chain Digital Invoice System Risk Assessment and System Development

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Research

ATIPML0073; automatic detection of Autism: A study on Corpus Callosum and Intracranial Brain Volume

ATIPML0074;. Detection of Pathologic Heart Murmuring Using a machine learning

ATIPML0075; Detection of Pathologic Heart Murmuring Using a spectral image and CNN machine learning

ATIPML0076; Various Machine learning Analysis of Ataxic Disease Prediction based on Human Gait Recognition

ATIPML0077; Plant leaf identification system using convolutional neural network

ATIPML0078; real time video object encryption and decryption based on chous Algorithm

ATIPML0079; Early detection of COVID19 by deep learning transfer Model for populations in isolated rural areas

ATIPML0080; Adversarial Learning for Multiscale Crowd Counting Under Complex Scenes

ATIPML0081; Real-Time Driver Drowsiness Detection using Computer Vision

ATIPML0082;. Face Detection and Recognition Based on Visual Attention Mechanism Guidance Model in Unrestricted Posture

ATIPML0083;.IoT-Based Automatic Attendance System with Photo Face Recognition in Smart Campus

ATIPML0084; Deep Learning-Based Fake-Banknote Detection for the Visually Impaired People

ATIPML0085; Real-Time Identification from Gait Features Using Cascade Voting Method

ATIPML0086; Grape Leaf Disease Detection and Classification Using Deep Learning

ATIPML0087; Computer Vision Based Grape Fruit Disease Detection And classification System

ATIPML0088; Hand gesture recognition System for Sign Language Using Deep Learning

ATIPML0089; Hand gesture Recognition and Generating Kannada Text Description from Live Sign Language Video

ATIPML0090; CNN Based Brain Tumor Detection Using MRI Imaging

ATIPML0091; Generating Image Captions using Deep Learning and Natural Language Processing

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ATIPML0092; Ultrasound Image Analysis Algorithms for the Early Detection of Ovarian Cysts

ATIPML0093; PLANT DISEASE DETECTION USING DEEP LEARNING ALGORITHMS

ATIPML0094; AUTOMATIC LEFT ATRIAL SEGMENTATION FROM MRI IMAGE USING DEEP CONVOLUTIONAL NEURAL NETWORK

ATIPML0095; FACE RECOGNITION BASED ON IMPROVED VGGNET CONVOLUTION NEURAL NETWORK

ATIPML0096; Plant Seedlings Classification Using Deep Learning

ATIPML0097; Hybrid face recognition under adverse conditions using appearance-based and dynamic features of smile expression

ATIPML0098; Image Classification of Abnormal Red Blood Cells Using Deep learning

ATIPML0099; Developing a real-time social distancing detection and violation system based on real time video for COVID-19

ATIPML0100; Testing of Agriculture Soil by Digital Image Processing for suitable crop suggestion based on PH

ATIPML0101; Classification of Soil Images using Convolution Neural Networks

ATIPML0102; A fast and effective vision enhancement method for single foggy image

ATIPML0103; Voice for Health: The Use of Vocal Biomarkers from Research to Clinical Practice

ATIPML0104; An in-field automatic wheat disease diagnosis system

ATIPML0105; Towards Robust Deep Neural Networks for Affect and Depression Recognition from Speech

ATIPML0106; A biometric authentication model using hand gesture images

ATIPML0107; Face mask detection and Face recognition in the masked faces using deep neural network

ATIPML0108; Deep Learning for Single Image Super-Resolution Using GAN

ATIPML0109; Implementation of Smart Mirror through Facial Recognition and Personalized Information Recommendation Algorithm

ATIPML0110; Image Steganography using LSB algorithm and Encrypted Message Hiding

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ATIPML0111; INTELLIGENT SURVEILLANCE SYSTEM FOR RIDERS WITHOUT HELMET AND TRIPLE RIDING DETECTION ON TWO WHEELERS

ATIPML0112; Music Recommendation Based on Face Emotion Recognition

ATIPML0113; Detection Of Diabetes Based On Iris Image Analysis

ATIPML0114; Number Plate Recognition using Machine Learning

ATIPML0115; Analysis and Evaluation of Braille to Text Conversion and voice output for blind persons

ATIPML0116; Design of face detection and recognition system to monitor students during online examinations using Machine Learning algorithms

ATIPML0117; SmartWaste Management and Classification Systems Using Cutting Edge Approach

ATIPML0118; Automatic Number Plate Detection in Vehicles and verify non indian number plate using Faster R-CNN

ATIPML0119; COOKING OIL QUALITY ANALYSIS USING DIGITAL IMAGE PROCESSING

ATIPML0120; Music Controller using Gesture Recognition to Control Music Playback

ATIPML0121; An Incremental Framework for Video-Based Traffic Sign Detection, Tracking, and Recognition

ATIPML0122; UNIQUE GRANITE DESIGN GENERATION USING GENERATIVE NETWORKS

ATIPML0123; HANDLOOM DESIGN GENERATION USING GENERATIVE NETWORKS

ATIPML0124: VIRTUAL BANK ASSISTANCE: AN AI BASED VOICE BOT FOR BETTER BANKING

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