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S. No	DEEP LEARNING PROJECT TITLE
TTSDL1	Role of Zoning in Facial Expression Using Deep Learning
TTSDL2	FieldPlant: A Dataset of Field Plant Images for Plant Disease Detection and ClassificationWith Deep Learning
TTSDL3	AlzheimerNet: An Effective Deep Learning Based Proposition for Alzheimer's DiseaseStages Classification From Functional Brain Changes in Magnetic Resonance Images
TTSDL4	Improved Abdominal Multi-Organ Segmentation via 3D Boundary-Constrained DeepNeural Networks
TTSDL5	End-To-End Deep-Learning-Based Tamil Handwritten Document Recognition andClassification Model
TTSDL6	A Deep Learning Ensemble With Data Resampling for Credit Card Fraud Detection
TTSDL7	Multi-Class Classification of Plant Leaf Diseases Using Feature Fusion of DeepConvolutional Neural Network and Local Binary Pattern
TTSDL8	A Stock Price Prediction Model Based on Investor Sentiment and Optimized DeepLearning
TTSDL9	Deep Transfer Learning Based Parkinson's Disease Detection Using Optimized FeatureSelection
TTSDL10	MaizeNet: A Deep Learning Approach for Effective Recognition of Maize Plant LeafDiseases
TTSDL11	Toward Deep-Learning-Based Methods in Image Forgery Detection: A Survey
TTSDL12	End-to-End Fusion Network of Deep and Hand-Crafted Features for Small ObjectDetection
TTSDL13	An Improved Traffic Sign Detection and Recognition Deep Model

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Based on YOLOv5TTSDL14 Deep Learning for Face Anti-Spoofing: A

Survey

TTSDL15 Recent Advances in Diagnosis of Skin Lesions Using Dermoscopic Images Based on DeepLearning

TTSDL16 Face Biometric Authentication System for ATM using Deep Learning

TTSDL17 DEA-RNN: A Hybrid Deep Learning Approach for Cyberbullying Detection in TwitterSocial Media Platform

TTSDL18 Deep Learning Techniques for Diabetic Retinopathy

Classification: A SurveyTTSDL19 Skin Cancer Detection Using

Combined Decision of Deep Learners

TTSDL20 Automatic Severity Classification of Diabetic Retinopathy Based on DenseNet andConvolutional Block Attention Module

TTSDL21 Potato Leaf Disease Detection And Classification Using CNN

TTSDL22 Coffee Maturity Classification Using Convolutional Neural Networks and TransferLearning

TTSDL23 Deep Learning Techniques for Diabetic Retinopathy Classification: A

Survey TTSDL24 An Efficient Approach for Crops Pests Recognition and

Classification Based on Novel

DeepPestNet Deep Learning Model

TTSDL25 DNN-Based Hospital Service Satisfaction Using GCNNs

Learning TTSDL26 Twitter Attribute Classification With Q-Learning on

Bitcoin Price Prediction

TTSDL27 Short-Term Weather Forecasting Using Spatial Feature Attention Based LSTM Model

TTSDL28 Multispectral Crop Yield Prediction Using 3D-Convolutional

Neural Networks andAttention Convolutional LSTM Approaches

TTSDL29 Optimal Selection of Weather Stations for Electric Load Forecasting

TTSDL30 Monocular Depth Estimation of Old Photos via Collaboration of Monocular and StereoNetworks

TTSDL31 Using Layer-Wise Training for Road Semantic Segmentation in

Autonomous Cars TTSDL32 Joint Multiclass Object Detection and Semantic

Segmentation for Autonomous Driving

TTSDL33 Gender-Specific Characteristics for Hand-Vein Biometric Recognition: Analysis andExploitation

TTSDL34 A Representation-Based Query Strategy to Derive Qualitative Features for ImprovedChurn Prediction

TTSDL35 CloudNet: A LiDAR-Based Face Anti-Spoofing Model That Is Robust Against LightVariation

TTSDL36 MCS-YOLO: A Multiscale Object Detection Method for Autonomous Driving RoadEnvironment Recognition

TTSDL37 SC-YOLO: A Object Detection Model for Small Traffic Signs

TTSDL38 An Interpretable Skin Cancer Classification Using Optimized Convolutional NeuralNetwork for a Smart Healthcare System

TTSDL39 Moanna: Multi-Omics Auto encoder-Based Neural Network Algorithm for PredictingBreast Cancer Subtypes

TTSDL40 A Study on Food Value Estimation From Images: Taxonomies, Datasets,

and TechniquesTTSDL41 Mask Detection and Classification in Thermal Face

Images

TTSDL42 Facial Age Estimation Models for Embedded Systems: A

Comparative StudyTTSDL43 Safety Helmet Wearing Detection

Model Based on Improved YOLO

TTSDL44 Detection of Real-Time Malicious Intrusions and Attacks in IoT EmpoweredCybersecurity Infrastructures

TTSDL45 Blood Pressure Estimation From Photoplethysmography by Considering Intra- and Inter-Subject Variabilities: Guidelines for a Fair Assessment

TTSDL46 CRAS-YOLO: A Novel Multi-Category Vessel Detection and Classification Model Basedon YOLOv5s Algorithm

TTSDL47 Multimodal Finger Recognition Based on Asymmetric Networks With Fused Similarity TTSDL48 Prediction of COVID-19 Data Using Improved ARIMA-LSTM Hybrid Forecast Models TTSDL49 CNN-Based Object Recognition and Tracking System to Assist Visually Impaired People

TTSDL50 Profit Prediction Using ARIMA, SARIMA and LSTM Models in Time Series Forecasting:A Comparison

TTSDL51 Texture Attention Network for Diabetic Retinopathy Classification

TTSDL52 WTASR: Wavelet Transformer for Automatic Speech Recognition of Indian Languages