

Machine Learning Project List -2023 -2024

TTSML1 Machine Learning Techniques for Sentiment Analysis of COVID-19

Related Twitter Data

TTSML2 Cyberbullying Detection in Social Networks: A Comparison Between

Machine Learning and Transfer Learning Approaches

TTSML3 Phishing Detection System Through Hybrid Machine Learning Based on URL

TTSML4 Classification and Prediction of Significant Cyber Incidents (SCI) using
Data Mining and Machine Learning (DM-ML)

TTSML5 Crime Prediction Using Machine Learning and Deep Learning: A
Systematic Review and Future Directions

TTSML6 Credit Card Fraud Detection Using State-of-the-Art Machine Learning
and Deep Learning Algorithms

TTSML7 Alzheimer's Disease Detection Using Comprehensive Analysis of Timed
Up and Go Test via Kinect V.2 Camera and Machine Learning

TTSML8 A Systematic Method of Stroke Prediction Model based on Big
Data and Machine Learning

TTSML9 Hyper spectral Anomaly Detection Based on Machine Learning: An Overview

TTSML10 Detecting Malicious URLs Using Machine Learning Techniques:
Review and Research Directions

TTSML11 Malware Detection: A Framework for Reverse Engineered Android
Applications Through Machine Learning Algorithms

TTSML12 Fraud Detection in Banking Data by Machine Learning Techniques

TTSML13 A Two-Stage Feature Selection Approach for Fruit Recognition Using
Camera Images With Various Machine Learning Classifiers

TTSML14 A Machine Learning-Based Classification and Prediction Technique for DDoS

Attacks

- TTSML15 Empirical Analysis for Crime Prediction and Forecasting Using Machine Learning and Deep Learning Techniques
- TTSML16 Learning Speech Emotion Representations in the Quaternion
- TTSML17 Machine Learning Techniques for Sentiment Analysis of COVID-19-Related Twitter Data
- TTSML18 Robust IoT Malware Detection and Classification Using Opcode Category Features on Machine Learning
- TTSML19 Impact of Nutritional Factors in Blood Glucose Prediction in Type 1 Diabetes Through Machine Learning
- TTSML20 Fraud Detection in Banking Data by Machine Learning Techniques
- TTSML21 Active Learning Based on Transfer Learning Techniques for Text Classification
- TTSML22 A Holistic Approach on Airfare Price Prediction Using Machine Learning Techniques
- TTSML23 A Machine Learning Framework for Early-Stage Detection of Autism Spectrum Disorders
- TTSML24 Diagnosis of Malaria Using Double Hidden Layer Extreme Learning Machine Algorithm With CNN Feature Extraction and Parasite Inflator
- TTSML25 Predicting Coronary Heart Disease Using an Improved LightGBM Model: Performance Analysis and Comparison
- TTSML26 FMDADM: A Multi-Layer DDoS Attack Detection and Mitigation Framework Using Machine Learning for Stateful SDN-Based IoT Networks
- TTSML27 Multiscale Adaptive Fusion Network for Hyperspectral Image Denoising
- TTSML28 Emotion Recognition of Subjects With Hearing Impairment Based on Fusion of Facial Expression and EEG Topographic Map
- TTSML29 Smart Edge-Based Driver Drowsiness Detection in Mobile Crowdsourcing

- TTSML30 The Age of Ransomware: A Survey on the Evolution, Taxonomy, and Research Directions
- TTSML31 Object-Centric Masked Image Modeling-Based Self-Supervised Pretraining for RemoteSensing Object Detection
- TTSML32 Risk Prediction of Alzheimer’s Disease Conversion in Mild Cognitive ImpairedPopulation Based on Brain Age Estimation
- TTSML33 Network Intrusion Detection with Two-Phased Hybrid Ensemble Learning and AutomaticFeature Selection
- TTSML34 Brain Tumor Detection and Classification Using Intelligence Techniques: An Overview
- TTSML35 Forecasting Tourism Demand by a Novel Multi-Factors Fusion Approach
- TTSML36 Crop Prediction Based on Characteristics of the Agricultural Environment Using VariousFeature Selection Techniques and Classifiers
- TTSML37 Development of a Customer Churn Model for Banking Industry Based on Hard and SoftData Fusion
- TTSML38 Student Performance Patterns in Engineering at the University of Johannesburg: AnExploratory Data Analysis
- TTSML39 Classification and Prediction of Significant Cyber Incidents (SCI) using Data Mining andMachine Learning (DM-ML)
- TTSML40 Remote Sensing Scene Classification Via Multigranularity Alternating Feature Mining
- TTSML41 Impact of Mobile Technology and Use of Big Data in Physics Education DuringCoronavirus Lockdown
- TTSML42 An overview of data integration in neuroscience with focus on Alzheimer’s Disease

- TTSML43 Human Activity Recognition Based on Deep-Temporal Learning Using Convolution Neural Networks Features and Bidirectional Gated Recurrent Unit With Features Selection
- TTSML44 Characterization of Synthetic Health Data Using Rule-Based Artificial Intelligence Models
- TTSML45 A Hierarchical Intrusion Detection Model Combining Multiple Deep Learning Models With Attention Mechanism
- TTSML46 Gene Expression Data Analysis Using Feature Weighted Robust Fuzzy c-Means Clustering
- TTSML47 Fraud Detection in Banking Data by Machine Learning Techniques
- TTSML48 Community Detection Algorithms in Healthcare Applications: A Systematic Review
- TTSML49 Satellite Image Classification Using a Hybrid Manta Ray Foraging Optimization Neural Network
- TTSML50 Reversible data hiding in encrypted images with secret sharing and hybrid coding
- TTSML51 Cloud-Based Intrusion Detection Approach Using Machine Learning Techniques
- TTSML52 Consumer Behavior Analysis on Sales Process Model Using Process Discovery Algorithm for the Omnichannel Distribution System
- TTSML53 Entropy-Aware Similarity for Balanced Clustering: A Case Study With Melanoma Detection
- TTSML54 SDOT: Secure Hash, Semantic Keyword Extraction, and Dynamic Operator Pattern-Based Three-Tier Forensic Classification Framework

- TTSML55 Human Pose Estimation Using Thermal Images
- TTSML56 DeepRetention: A Deep Learning Approach for Intron Retention Detection
- TTSML57 RF-PSSM: A Combination of Rotation Forest Algorithm and Position-Specific Scoring Matrix for Improved Prediction of Protein-Protein Interactions Between Hepatitis C Virus and Human
- TTSML58 An Improved Lightweight Yolo-Fastest V2 for Engineering Vehicle Recognition Fusing Location Enhancement and Adaptive Label Assignment
- TTSML59 RadioPathomics: Multimodal Learning in Non-Small Cell Lung Cancer for Adaptive Radiotherapy
- TTSML60 An Ensemble Learning Based Intrusion Detection Model for Industrial IoT Security
- TTSML61 Using Machine Learning to Establish the Concerns of Persons With HIV/AIDS During the COVID-19 Pandemic From Their Tweets
- TTSML62 A Novel Machine Learning Approach for Android Malware Detection Based on the Co-Existence of Features
- TTSML63 Static-Dynamic Temporal Networks for Parkinson's Disease Detection and Severity Prediction
- TTSML64 A High-Quality Rice Leaf Disease Image Data Augmentation Method Based on a DualGAN
- TTSML65 Big Data ML-Based Fake News Detection Using Distributed Learning
- TTSML66 Real-Time Analytics: Concepts, Architectures, and ML/AI Considerations
- TTSML67 Deep Convolutional Network Based Machine Intelligence Model for Satellite Cloud Image Classification
- TTSML68 Energy-Efficient Object Tracking Using Adaptive ROI Subsampling and Deep Reinforcement Learning

- TTSML69 Malaria Disease Cell Classification With Highlighting Small Infected Regions
- TTSML70 Enhanced Text-to-Image Synthesis With Self-Supervision
- TTSML71 Secure Medical Image Communication Using Fragile Data Hiding Based on Discrete Wavelet Transform and A5 Lattice Vector Quantization
- TTSML72 Deep Learning in Cervical Cancer Diagnosis: Architecture, Opportunities, and Open Research Challenges
- TTSML73 Deep Learning-Based Multiscale Pyramid Sieve and Analysis Module in Image Segmentation
- TTSML74 A Novel Image Cryptosystem Inspired by the Generation of Biological Protein Sequences
- TTSML75 A Deep Learning-Based Experiment on Forest Wildfire Detection in Machine Vision Course
- TTSML76 Deep Cleaner—A Few Shot Image Dataset Cleaner Using Supervised Contrastive Learning
- TTSML77 A High-Quality Rice Leaf Disease Image Data Augmentation Method Based on a Dual GAN
- TTSML78 Hyperspectral Image Classification: An Analysis Employing CNN, LSTM, Transformer, and Attention Mechanism
- TTSML79 Assessing the Ability of Generative Adversarial Networks to Learn Canonical Medical Image Statistics
- TTSML80 FieldPlant: A Dataset of Field Plant Images for Plant Disease Detection and Classification With Deep Learning

- TTSML81 Classification of Liver Fibrosis From Heterogeneous
Ultrasound Image TTSML82 Multiscale Adaptive Fusion
Network for Hyperspectral Image Denoising
- TTSML83 Modified Salp Swarm Algorithm With Deep Learning Based
Gastrointestinal TractDisease Classification on Endoscopic
Images
- TTSML84 Improving Image Compression With Adjacent Attention and Refinement
Block
- TTSML85 Building Detection From Panchromatic and Multispectral Images
With Dual-StreamAsymmetric Fusion Networks
- TTSML86 Noise-Against Skeleton Extraction Framework and Application
on Hand GestureRecognition
- TTSML87 An Underwater Target Wake Detection in Multi-Source Images
Based on ImprovedYOLOv5
- TTSML88 Spatial Context-Aware Object-Attentional Network for Multi-Label Image
Classification
- TTSML89 An Integrated Image Encryption Scheme Based on Elliptic Curve
Class-Adaptive DataAugmentation for Image Classification
- TTSML90 Low-Light Image Enhancement Using a Simple Network Structure
- TTSML91 Multi-Level Residual Feature Fusion Network for Thoracic Disease
Classification in ChestX-Ray Images
- TTSML92 Image Generation and Recognition Technology Based on Attention Residual
GAN
- TTSML93 Detecting COVID-19 From Lung Computed Tomography Images: A
Swarm OptimizedArtificial Neural Network Approach
- TTSML94 A Deep Ensemble Learning-Based CNN Architecture for
Multiclass Retinal FluidSegmentation in OCT Images

TTSML95 AlzheimerNet: An Effective Deep Learning Based Proposition for Alzheimer's Disease Stages Classification From Functional Brain Changes in Magnetic Resonance Images

TTSML96 Application of X-Ray Imaging and Convolutional Neural Networks in the Prediction of Tomato Seed Viability

1. A Deep Learning Approach for Semantic Analysis of COVID-19-Related Stigma on Social Media
- 2. A Deep Learning Ensemble with Data Resampling for Credit Card Fraud Detection**
3. Accelerating Crop Yield: Multisensor Data Fusion and Machine Learning for Agriculture Text Classification
4. A Transfer Learning Approach to Breast Cancer Classification in a Federated Learning Framework
5. Big Data ML-Based Fake News Detection Using Distributed Learning
6. Brain Tumor Detection and Classification Using Intelligence Techniques: An Overview
7. Comparative Analysis of Intrusion Detection Systems and Machine Learning-Based Model Analysis Through Decision Tree
8. Crime Prediction Using Machine Learning and Deep Learning: A Systematic Review and Future Directions
9. Deep Learning in Cervical Cancer Diagnosis: Architecture, Opportunities, and Open Research Challenges
10. Depression detection from social network data using machine learning techniques
11. DrOGA: An Artificial Intelligence Solution for Driver-Status Prediction of Genomics Mutations in Precision Cancer Medicine
12. Real-Time Water and Electricity Consumption Monitoring Using Machine Learning Techniques
13. MedAi: A Smartwatch-Based Application Framework for the Prediction of Common Diseases Using Machine Learning
14. Fraud Detection in Banking Data by Machine Learning Techniques

15. ECG Measurement System for Vehicle Implementation and Heart Disease Classification Using Machine Learning
16. Modified Earthworm Optimization With Deep Learning Assisted Emotion Recognition for Human Computer Interface
17. Explainable Artificial Intelligence (EXAI) Models for Early Prediction of Parkinson's Disease Based on Spiral and Wave Drawings
18. Impact of Nutritional Factors in Blood Glucose Prediction in Type 1 Diabetes Through Machine Learning
19. Multi-Label Multimodal Emotion Recognition With Transformer-Based Fusion and Emotion-Level Representation Learning
20. Multiple Types of Cancer Classification Using CT/MRI Images Based on Learning Without Forgetting Powered Deep Learning Models
21. Pathogen-Based Classification of Plant Diseases: A Deep Transfer Learning Approach for Intelligent Support Systems
22. Phishing Detection System Through Hybrid Machine Learning Based on URL
23. Political Security Threat Prediction Framework Using Hybrid Lexicon-Based Approach and Machine Learning Technique
24. Remote Sensing Based Crop Type Classification Via Deep Transfer Learning
25. Using Features Extracted From Upper Limb Reaching Tasks to Detect Parkinson's Disease by Means of Machine Learning Models