

Python (Transaction/Journal Papers)

Machine Learning - Data Analytics - Data Science

1. A Machine Learning Framework for Early-Stage Detection of Autism Spectrum Disorders.
2. Selection of Best Machine Learning Model to Predict Delay in Passenger Airlines.
3. Integration of Traditional Knowledge and Modern Science: A Holistic Approach to Identify Medicinal Leaves for Curing Diseases.
4. Diagnosis of Liver Disease Using ANN and ML Algorithms with Hyperparameter Tuning
5. Smart Attendance Monitoring System Using Face Recognition for People with Disabilities (PwDs).
6. Drought Forecasting: Application of Ensemble and Advanced Machine Learning Approaches.
7. Time Series Forecasting and Modeling of Food Demand Supply Chain Based on Regressors Analysis.
8. Neo4j and SARMIX Model for Optimizing Product Placement and Predicting the Shortest Shopping Path.
9. A Pragmatic Approach of Heart and Liver Disease Prediction using Machine Learning Classifiers.
10. BMNet-5: A Novel Approach of Neural Network to Classify the Genre of Bengali Music Based on Audio Features.
11. Facial Expression Recognition in the Wild Using Face Graph and Attention
12. Crop Yield Prediction Using Random Forest Algorithm.
13. Crop Prediction Based on Characteristics of the Agricultural Environment Using Various Feature Selection Techniques and Classifiers.
14. Data-Driven Early Diagnosis of Chronic Kidney Disease: Development and Evaluation of an Explainable AI Model.
15. Credit Card Fraud Detection Using State-of-the-Art Machine Learning and Deep Learning Algorithms.
16. A Modular Ice Cream Factory Dataset on Anomalies in Sensors to Support Machine Learning Research in Manufacturing Systems.
17. Auxiliary Diagnosis of Breast Cancer Based on Machine Learning and Hybrid Strategy.
18. Loan Status Prediction in the Banking Sector using Machine Learning.

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19. House Price Prediction Using Machine Learning and Neural Networks.
20. Comparative Analysis Study for Air Quality Prediction in Smart Cities Using Regression Techniques.
21. The Effect of Fake Reviews on e-Commerce during and After Covid-19 Pandemic: SKL-Based Fake Reviews Detection.
22. Detecting Spam Email with Machine Learning Optimized with Harris Hawks's optimizer (HHO) Algorithm.
23. Phishing URL Detection: A Real-Case Scenario through Login URLs.
24. A Machine Learning-Based Classification and Prediction Technique for DDoS Attacks.
25. Face Detection and Recognition for Criminal Identification System.
26. Intelligent Crop Recommendation System using Machine Learning.
27. Machine Learning Based Heart Disease Prediction System.
28. Automated Smart Attendance System Using Face Recognition.
29. Plant Disease Detection Using Machine Learning Techniques.
30. Measuring the Heart Attack Possibility using Different Types of Machine Learning Algorithms.
31. Agricultural Loan Recommender System – A Machine Learning Approach.
32. Twitter Spam Detection Using Natural Language Processing by Encoder Decoder Model.
33. Predictive Analytics on Diabetes Data using Machine Learning Techniques.

Deep Learning

34. DeepCurvMRI: Deep Convolutional Curvelet Transform-based MRI Approach for Early Detection of Alzheimer's disease.
35. Online Exam Proctoring System Based on Artificial Intelligence.
36. LCDctCNN: Lung Cancer Diagnosis of CT scan Images Using CNN Based Model.
37. A System Design with Deep Learning and IoT to Ensure Education Continuity for Post-COVID.
38. EdgeFireSmoke: A Novel Lightweight CNN Model for Real-Time Video Fire-Smoke Detection.
39. Facemask Wearing Alert System Based on Simple Architecture With Low-Computing Devices.
40. Toward Fast and Accurate Violence Detection for Automated Video Surveillance Applications.

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41. Comparative Analysis of Vehicle-Based and Driver-Based Features for Driver Drowsiness Monitoring by Support Vector Machines.
42. Big Data Analyzing Techniques in Mathematical House Price Prediction Model.
43. Human Activity Recognition through Ensemble Learning of Multiple Convolutional Neural Networks.
44. A Deep Learning-Based Efficient Firearms Monitoring Technique for Building Secure Smart Cities.
45. Facilitating Leucocyte Count Using Deep Learning: A Paradigm Shift.
46. Brain Tumor Detection and Classification Using Intelligence Techniques: An Overview.
47. A Lightweight Robust Deep Learning Model Gained High Accuracy in Classifying a Wide Range of Diabetic Retinopathy Images.
48. Traffic Signs Recognition using CNN and Keras.
49. Impact of Fuzziness for Skin Lesion Classification with Transformer-Based Model.
50. An Integrated Task Model for Fake News Detection.
51. Sleep Apnea Detection from Single-Lead ECG: A Comprehensive Analysis of Machine Learning and Deep Learning Algorithms.
52. Deep Learning-Based Workers Safety Helmet Wearing Detection on Construction Sites Using Multi-Scale Features.
53. A Deep-Learning-Based Lightweight Model for Ship Localizations in SAR Images.
54. Brain Tumor Detection and Classification Using Convolutional Neural Network (CNN).
55. Detection of Cardiovascular Diseases in ECG Images Using Machine Learning and Deep Learning Methods.
56. Detecting Humans in Search and Rescue Operations Based on Ensemble Learning.
57. ATT Squeeze U-Net: A Lightweight Network for Forest Fire Detection and Recognition
58. KrushiSahyog: Plant disease identification and Crop recommendation using Artificial Intelligence.
59. Efficient Classification of Diabetic Retinopathy using Binary CNN.

Deep Learning - Explainable AI

60. Advancing Fake News Detection: Hybrid Deep Learning with FastText and Explainable AI.

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61. Interpretable Deep Learning Framework for Land Use and Land Cover Classification in Remote Sensing Using SHAP.

Deep Learning - Segmentation

62. Automated Brain Tumor Segmentation and Classification in MRI using YOLO-based Deep Learning

63. Lung Nodule Detection in Medical Images Based on Improved YOLOv5s

Cybersecurity , Cyberbullying

64. Ransomware Classification and Detection with Machine Learning Algorithms.

65. An Improved Design for a Cloud Intrusion Detection System Using Hybrid Features Selection Approach With ML Classifier

66. FraudDetectioninBankingDatabyMachineLearningTechniques

67. Phishing Detection System through Hybrid Machine Learning Based on URL.

68. Classifying Swahili Smishing Attacks for Mobile Money Users: A Machine-Learning Approach.

69. DEA-RNN: A Hybrid Deep Learning Approach for Cyberbullying Detection in Twitter Social Media Platform.

70. A Deep Learning Ensemble With Data Resampling for Credit Card Fraud Detection.

71. Emoji, Sentiment and Emotion Aided Cyberbullying Detection in Hinglish.

72. LSTM Based Phishing Detection for Big Email Data.

Block chain (Java/Nodejs/Ganache)

73. Blockchain and AI-Empowered Healthcare Insurance Fraud Detection

74. A Framework to Make Voting System Transparent Using Blockchain Technology.

75. KiRTi: A Blockchain-based Credit Recommender System for Financial Institutions.

76. d-BAME: Distributed Blockchain-Based Anonymous Mobile Electronic Voting. (Fingerprint Sensor)

77. DOC-BLOCK: A Block chain Based Authentication System for Digital Documents

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OpenAI - GPT

78. Machine Learning Techniques for Sentiment Analysis of COVID-19-Related Twitter Data using GPT.
79. Sentiment Analysis and Emotion Detection on Cryptocurrency Related Tweets Using GPT2 Model.

Cryptocurrency

80. Sentiment Analysis and Emotion Detection on Cryptocurrency Related Tweets Using Ensemble LSTM-GRU Model.

OpenCV

81. An Approach to Control the PC with Hand Gesture Recognition using Computer Vision Technique.
82. An Automated Smart Street Lighting Model Using Integrated Systems With Deep Learning and Cloud Deployment (Hardware Interface).
83. An Ingenious Deep Learning Approach for Home Automation using Tensor flow Computational Framework (Hardware Interface).
84. Anti-Accident Mechanism to Detect Driver Drowsiness Integrated with Alerting Mechanism: An IoT-based Model (Hardware Interface).
85. Bird Species Recognition using Deep Learning (Hardware Interface).
86. CNN and Arduino based Stress Level Detection System (Hardware Interface).
87. Deep Learning Based Fire Detection, Alert And Suppression System (Hardware Interface).
88. Identifying Anti-Social Activities in Surveillance Monitoring Applications using Deep-CNN based Algorithms (Hardware Interface).
89. Real-time Face Mask Detection Using Machine Learning/ Deep Feature-Based Classifiers for FaceMask Recognition.
90. Research on Sitting Posture Recognition Based on Deep Fusion Neural Network.