Aislyn Technologies Pvt Ltd

Machine learning And Artificial Intelligent Projects:

1. Diagnosis of cardiovascular disorder by CT images using Machine learning technique
2. Early Detection of Parkinson's Disease using Machine Learning & Image Processing
3. Early Detection of Parkinson's Disease using Machine Learning & Image Processing
4. Fashion Images Classification using Machine Learning, Deep Learning and Transfer Learning Models
5. Deep Curriculum Learning for PolSAR Image Classification
6. Turbidity classification of the Paraopeba River using machine learning and Sentinel-2 images
7. Smart Text Reader System for People who are Blind Using Machine and Deep Learning
8. Machine and Deep-Learning Techniques for Image Super-Resolution
9. Generalization of Machine Learning-Based Compression Method to Hyperspectral Images
10. Deep Learning Application-Water Region Extraction in SAR Image Based on Markov Random Field

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11. On the Performance of Deep Transfer Learning Networks for Brain Tumor Detection Using MR Images

12. Machine and Deep-Learning Techniques for Text and Speech Processing

13. Satellite Remote Sensing for Stand Age Estimation in Tree Plantations: A Case Study Using Landsat Images and Machine Learning Algorithms

14. Color image enhancement algorithm based on improved Retinex algorithm

15. Comparison of Transfer Learning and Traditional Machine Learning Approach for Text Classification

16. Hybrid Feature Approach for Plant Disease Detection and Classification using Machine Learning

17. Extending the compression range of biomedical images for machine vision analysis

18. Support Vector Machine: Melanoma Skin Cancer Diagnosis based on Dermoscopy Image

19. Green Energy Using Machine and Deep Learning

20. Population Data Analysis Based on Machine Learning

21. Comparison of Machine Learning and Deep Learning models for Cervical Cancer Prediction

22. A Comparison of Machine Learning Methods for best Accuracy COVID-19 Diagnosis Using Chest X-Ray Images

23. Analysis of Breast Cancer Classification with Machine Learning based Algorithms

24. Semi-Supervised Deep Transfer Learning for Benign-Malignant Diagnosis of Pulmonary Nodules in Chest CT Images

25. A Systematic Review on Recent Advancements in Deep and Machine Learning Based Detection and Classification of Acute Lymphoblastic Leukemia

26. Performance Comparison of Machine Learning Algorithms for Human Activity Recognition

27. DermaGenics - Early Detection of Melanoma using YOLOv5 Deep Convolutional Neural Networks

28. Face Mask Detection Using Machine Learning

29. Applications of Machine Learning and Deep Learning in Smart Agriculture

30. A New Benchmarking for Diabetic Retinopathy Using Machine Learning, Deep Learning and Image Processing Techniques

31. A Machine-Learning Based Scheme for Solar PV Detection Using Medium-Resolution Satellite Images in Vietnam

32. Deep Learning and Machine Learning Based Efficient Framework for Image Based Plant Disease Classification and Detection

33. Improved Alzheimer Detection using Image Enhancement Techniques and Transfer Learning

34. Classification of Diabetic Retinopathy Fundus Images using Deep Neural Network

35. Research on Artificial Intelligence: Deep Learning to Identify Plant Species

36. Gaussian Process for the Machine Learning-based Smart fire Detection System

37. An efficient multi-functional deep learning model for effective medical image classification using skin lesion database

38. A novel image processing technique based on deep learning for water consumption detection

39. A Machine Learning Entrenched Brain Tumor Recognition Framework

40. Plant Disease Classification using Ensemble Deep Learning

41. Detection of Unhealthy citrus leaves using Machine Learning Technique

42. Recent Advances in Plant Diseases Detection With Machine Learning: Solution for Developing Countries

43. Stochastic Learning-Based Artificial Neural Network Model for an Automatic Tuberculosis Detection System Using Chest X-Ray Images

44. Analysis of Breast Cancer using Machine Learning Methods

45. Defect Classification from Electronic Card Images by Deep Learning

46. Detection of Tuberculosis using Machine Learning Techniques and Image Preprocessing

47. Classification and Diagnosis of Alzheimer's Disease based on a combination of Deep Features and Machine Learning

48. Detection of Leukemia using Machine Learning

49. Detection of Abnormalities in Brain using Machine Learning in Medical Image Analysis

50. Using Weakly Supervised Machine learning Algorithms for Classification and Analysis of CT Scan Lung Cancer Images

51. A Decision Machine Learning Support System for Human Skin Disease Classifier

52. A Deep Learning Model that Diagnosis Skin Diseases and Recommends Medication

53. A Framework for Weed Detection in Agricultural Fields Using Image Processing and Machine Learning Algorithms

54. An Efficient Machine Learning Approach for Fingerprint Authentication Using Artificial Neural Networks

55. Classification of Apples using Machine Learning

56. The Effect of Spatial Resolution of Environmental Variables on the Performance of Machine Learning Models in Digital Mapping of Soil Phosphorus

57. Decision-Making Platform for SMART Plantation Agriculture Using Machine Learning and Image Processing

58. Detecting Turmeric Taphrina Maculans Disease using Machine Learning Algorithms

59. Image Processing and Artificial Intelligence for Precision Agriculture

60. Machine learning algorithm for Avocado image segmentation based on quantum enhancement and Random forest

61. Land Use Classification of Kathgodam Region using Transfer learning-based approach

62. Classification of Sugarcane Leaf Disease using Deep Learning Algorithms

63. Estimating Rice Production using Machine Learning Models on Multitemporal Landsat-8 Satellite Images

64. A Review on Prediction of Crop Yield using Machine Learning Techniques

65. Plant Diseases Detection Using Image Processing and Suggest Pesticides and Managements

66. Recognition of Drought Stress State of Tomato Seedling Based on Chlorophyll Fluorescence Imaging

67. Simulation Research and Development of Agricultural Products Processing Process Based on Machine Learning Algorithm

68. Prediction of Herbs with its Benefits using Deep Learning Techniques

69. Detection Of Crop Water Stress In Maize Using Drone Based Hyperspectral Imaging

70. Spine X-ray Image Segmentation Based on Transformer and Adaptive Optimized Postprocessing

71. Learning Aided System for Agriculture Monitoring Designed Using Image Processing and IoT-CNN

72. A Review for Investigation on soil features using IoT and ML

73. Thai Milled Rice Quality Classification Based on Deep Learning Approach

74. A Machine Learning Approach to Classification of Okra

75. IoT-based Soil Nutrient Analyser using Gaussian Process Regression

76. The Hyperview Challenge: Estimating Soil Parameters from Hyperspectral Images

77. Hyperdeep: Comparison of Ai-Based Methods for Predicting Chemical Components in Hyperspectral Images

78. Paddy Leaf Disease Detection using Thermal Images and Convolutional Neural Networks

79. Cardamom Plant Disease Detection Approach Using EfficientNetV2

80. Optimization of Raman Spectra Peak Fitting for Oil Palm Classification

81. Leaf Recognition System Based on Supervised Machine Learning Techniques

82. Machine Learning For Chronic Kidney Disease Detection

83. Early Detection of Breast Cancer and Classification of Mammography Images Using Machine Learning

84. Melanoma recognition using deep learning and ensemble of classifiers

85. Spectral Super-Resolution for Hyperspectral Image Reconstruction Using Dictionary and Machine Learning