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**PYTHON IEEE PROJECT LIST**



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| S.NO | Project Titles | Domain |
| 1. | A Contemporary Technique for Lung Disease Prediction using Deep Learning | Deep Learning |
| 2. | Automated Bird Species Identification using Audio Signal Processing and Neural Network | Deep Learning |
| 3. | Detection of Cardiovascular Diseases in ECG Images Using Machine Learning and Deep Learning Methods | Deep Learning |
| 4. | Detection of Stress in IT Employees using Machine Learning Technique | Deep Learning |
| 5. | Electricity Theft Detection in Smart Grids Based on Deep Neural Network | Deep Learning |
| 6. | Fine-Grained Food Classification Methods on the UEC FOOD- 100 Database | Deep Learning |
| 7. | Identification of Fake Indian Currency using Convolutional Neural Network | Deep Learning |
| 8. | Parkinson’s Disease Detection Using Machine Learning | Deep Learning |
| 9. | Pneumonia Detection using Deep Learning | Deep Learning |
| 10. | Plant Disease Detection and Classification Using Machine Learning Algorithm | Deep Learning |
| 11. | Rice Leaf Disease Prediction Using Machine Learning | Deep Learning |
| 12. | Soil Analysis and Crop Recommendation using Machine Learning | Deep Learning |
| 13. | Speech Emotion Recognition using Machine Learning | Deep Learning |
| 14. | A Deep Prediction of Chronic Kidney Disease by Employing Machine Learning Method | Machine Learning |
| 15. | A Machine Learning Based Approach for Wine Quality Prediction | Machine Learning |
| 16. | Air Quality Prediction Based on Machine Learning | Machine Learning |
| 17. | A Machine Learning-based Approach for Crop Yield Prediction and Fertilizer Recommendation | Machine Learning |
| 18. | Intrusion Detection System Using Improved Convolution Neural Network | Machine Learning |
| 19. | Credit Card Fraud Detection Using State-of-the-Art Machine Learning and Deep Learning Algorithms | Machine Learning |
| 20. | Detection of Cyberbullying Using Machine Learning and Deep Learning Algorithms | Machine Learning |
| 21. | Detection of Phishing Websites Using Machine Learning | Machine Learning |
| 22. | Edible and Poisonous Mushrooms Classification by Machine Learning Algorithms | Machine Learning |
| 23. | Efficient Thyroid Disease Prediction using Features Selection and Meta-Classifiers | Machine Learning |

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| 24. | Fraud Detection and Analysis for Insurance Claim using Machine Learning | Machine Learning |  |
| 25. | Heart Disease Prediction using Machine Learning and Data Analytics Approach | Machine Learning |  |
| 26. | InteliCrop: An Ensemble Model to Predict Crop using Machine Learning Algorithms | Machine Learning |  |
| 27. | Liver disease prediction using Ensemble Technique | Machine Learning |  |
| 28. | Prediction of Parkinson’s disease using XGBoost | Machine Learning |  |
| 29. | Prediction Of Used Car Prices Using Artificial Neural Networks And Machine Learning | Machine Learning |  |
| 30. | Fraud Detection on Bank Payments Using Machine Learning | Machine Learning |  |
| 31. | Toxic Speech Classification using Machine Learning Algorithms | Machine Learning |  |
| 32. | Traffic Accident Risk Prediction Using Machine Learning | Machine Learning |  |
| 33. | Water Quality Classification Using SVM And XGBoost Method | Machine Learning |  |
| 34. | A Road Accident Prediction Model Using Data Mining Techniques | Machine Learning |  |
| 35. | A Systematic Review of Predicting Elections Based on Social Media Data | Machine Learning |  |
| 36. | Agricultural Crop Recommendations based on Productivity and Season | Machine Learning |  |
| 37. | An Efficient Spam Detection Technique for IoT Devices Using Machine Learning | Machine Learning |  |
| 38. | Chronic Kidney Disease Stage Identification in HIV Infected Patients using Machine Learning | Machine Learning |  |
| 39. | COVIDSenti: A Large-Scale Benchmark Twitter Data Set for COVID-19 Sentiment Analysis | Machine Learning |  |
| 40. | Crop Recommender System Using Machine Learning Approach | Machine Learning |  |
| 41. | Detecting Fake Reviews Using Multidimensional Representations With Fine-Grained Aspects Plan | Machine Learning |  |
| 42. | Detection of Cyberbullying on Social Media Using Machine learning | Machine Learning |  |
| 43. | Diabetes Disease Prediction Using Machine Learning Algorithms | Machine Learning |  |
| 44. | Emotion Recognition by Textual Tweets Classification Using Voting Classifier (LR-SGD) | Machine Learning |  |
| 45. | Crime Type and Occurrence Prediction Using Machine Learning  Algorithm | Machine Learning |  |
| 46. | Machine Learning Based Heart Disease Prediction System | Machine Learning |  |
| 47. | Naïve Bayes Classifier for Predicting the Novel Coronavirus | Machine Learning |  |
| 48. | Potato Disease Detection Using Machine Learning | Machine Learning |  |
| 49. | WELFake: Word Embedding Over Linguistic Features for Fake News Detection | Machine Learning |  |
| 50. | Drug Recommendation System based on Sentiment Analysis of Drug Reviews using Machine Learning | Machine Learning |  |
| 51. | Predictive Analysis for Big Mart Sales Using Machine Learning  Algorithms | Machine Learning |  |

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| 52. | Primary Stage of Diabetes Prediction using Machine Learning  Approaches | Machine Learning |  |
| 53. | Prediction of Modernized Loan Approval System Based on Machine Learning Approach | Machine Learning |  |
| 54. | A Comparative Study on Fake Job Post Prediction Using Different Data mining Techniques | Deep Learning |  |
| 55. | A Lightweight Convolutional Neural Network for Real-Time Facial Expression Detection | Deep Learning |  |
| 56. | Brain Tumour Detection Using Deep Learning | Deep Learning |  |
| 57. | Classification of Malaria-Infected Cells using Convolutional Neural Networks | Deep Learning |  |
| 58. | Deep Cross-modal Face Naming for People News Retrieval | Deep Learning |  |
| 59. | Diabetic Retinopathy Detection by means of Deep Learning | Deep Learning |  |
| 60. | Diagnosis of COVID-19 from Chest X-Ray Images Using Wavelets-Based Depthwise Convolution Network | Deep Learning |  |
| 61. | Handwritten Digit Recognition Using CNN | Deep Learning |  |
| 62. | Hybrid Transfer Learning and Broad Learning System for Wearing Mask Detection In the COVID-19 Era | Deep Learning |  |
| 63. | License Plate Detection Methods Based on OpenCV | Deep Learning |  |
| 64. | A Study on a Car Insurance Purchase Prediction Using Machine Learning | Machine Learning |  |
| 65. | Melanoma Detection Using Convolutional Neural Network | Deep Learning |  |
| 66. | Real-Time Drowsiness Identification based on Eye State Analysis | Deep Learning |  |
| 67. | Tomato Leaf Disease Identification by Restructured Deep Residual Dense Network | Deep Learning |  |
| 68. | Traffic Sign Board Recognition and Voice Alert System using Convolutional Neural Network | Artificial Intelligence |  |
| 69. | **A Machine Learning Methodology for Diagnosing Chronic Kidney Disease** | **MACHINE LEARNING** |  |
| 70. | **Academic Performance Prediction Based on Multisource, Multifeature Behavioral Data** | **MACHINE LEARNING** |  |
| 71. | **Artificial Intelligence and COVID-19: Deep Learning Approaches for Diagnosis and Treatment** | **MACHINE LEARNING** |  |
| 72. | **Comparison of Machine Learning Algorithms for Predicting Crime Hotspots** | **MACHINE LEARNING** |  |
| 73. | **COVID-19 Future Forecasting Using Supervised Machine Learning**  **Models** | **MACHINE LEARNING** |  |
| 74. | **Crop Yield Prediction based on Indian Agriculture using Machine Learning** | **MACHINE LEARNING**  **(Conference)** |  |
| 75. | **Deep Learning Based Fusion Approach for Hate Speech Detection** | **DEEP LEARNING** |  |
| 76. | **Deep Learning for Large-Scale Traffic-Sign Detection and Recognition** | **DEEP LEARNING** |  |
| 77. | **Defensive Modeling of Fake News Through Online Social Networks** | **MACHINE LEARNING** |  |
| 78. | **Detecting and Characterizing Extremist Reviewer Groups in Online Product Reviews** | **MACHINE LEARNING** |  |
| 79. | **Detecting Spam Email With Machine Learning Optimized With Bio-Inspired Metaheuristic Algorithms** | **MACHINE LEARNING** |  |

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| 80. | **Detection of Fake and Clone accounts in Twitter using Classification and Distance Measure Algorithms** | **MACHINE LEARNING**  **(Conference)** |  |
| 81. | **Detection of Malicious Social Bots Using Learning Automata With URL Features in Twitter Network** | **MACHINE LEARNING** |  |
| 82. | **FAKEDETECTOR: Effective Fake News Detection with Deep Diffusive Neural Network** | **NEURAL NETWORK** |  |
| 83. | **Finding Psychological Instability Using Machine Learning** | **MACHINE LEARNING**  **(Conference)** |  |
| 84. | **Flight Delay Prediction Based on Aviation Big Data and Machine Learning** | **MACHINE LEARNING** |  |
| 85. | **Heart Disease Identification Method Using Machine Learning Classification in E-Healthcare** | **MACHINE LEARNING** |  |
| 86. | **Hybrid Feature based Prediction of Suicide Related Activity on Twitter** | **MACHINE LEARNING** |  |
| 87. | **Intrusion Detection System Using PCA with Random Forest Approach** | **MACHINE LEARNING**  **(Conference)** |  |
| 88. | **Performance Analysis on Student Feedback using Machine Learning Algorithms** | **MACHINE LEARNING** |  |
| 89. | **Predicting Stock Market Trends Using Machine Learning and Deep Learning Algorithms Via Continuous and Binary Data; a**  **Comparative Analysis** | **MACHINE LEARNING** |  |
| 90. | **Prediction of Breast Cancer, Comparative Review of Machine Learning Techniques, and Their Analysis** | **MACHINE LEARNING** |  |
| 91. | **Rice Leaf Diseases Classification Using CNN With Transfer Learning** | **DEEP LEARNING** |  |
| 92. | **Spam Review Detection Using the Linguistic and Spammer Behavioral Methods** | **MACHINE LEARNING** |  |
| 93. | **Students Performance Prediction in Online Courses Using Machine Learning Algorithms** | **MACHINE LEARNING**  **(Conference)** |  |
| 94. | **A Mask Detection Method for Shoppers Under the Threat of COVID-19 Coronavirus** | **DEEP LEARNING**  **(Conference)** |  |
| 95. | **Email Spam Detection Using Machine Learning Algorithms** | **MACHINE LEARNING**  **(Conference)** |  |
| 96. | **Detecting A Twitter Cyberbullying Using Machine Learning** | **MACHINE LEARNING**  **(Conference)** |  |