Java/Python (Transaction/Journal Papers)

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Machine Learning - Data Analytics - Data Science

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- 2. <u>BMNet-5: A Novel Approach of Neural Network to Classify the Genre of Bengali Music Based on</u>
 Audio Features
- 3. Crop Yield Prediction Using Random Forest Algorithm
- 4. <u>Crop Prediction Based on Characteristics of the Agricultural Environment Using Various Feature</u>
 Selection Techniques and Classifiers
- 5. Data-Driven Early Diagnosis of Chronic Kidney Disease: Development and Evaluation of an Explainable AI Model
- 6. <u>Credit Card Fraud Detection Using State-of-the-Art Machine Learning and Deep Learning</u>
 Algorithms.
- 7. <u>A Modular Ice Cream Factory Dataset on Anomalies in Sensors to Support Machine Learning</u>
 Research in Manufacturing Systems.
- 8. Auxiliary Diagnosis of Breast Cancer Based on Machine Learning and Hybrid Strategy.
- 9. Loan Status Prediction in the Banking Sector using Machine Learning.
- 10. Big Data Analyzing Techniques in Mathematical House Price Prediction Model.
- 11. Comparative Analysis Study for Air Quality Prediction in Smart Cities Using Regression Techniques.
- 12. <u>The Effect of Fake Reviews on e-Commerce during and After Covid-19 Pandemic: SKL-Based Fake Reviews Detection.</u>
- 13. Detecting Spam Email with Machine Learning Optimized with Harris Hawks's optimizer (HHO) Algorithm.
- 14. Phishing URL Detection: A Real-Case Scenario through Login URLs.
- 15. A Machine Learning-Based Classification and Prediction Technique for DDoS Attacks.
- 16. Face Detection and Recognition for Criminal Identification System
- 17. Intelligent Crop Recommendation System using Machine Learning
- 18. Machine Learning Based Heart Disease Prediction System

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- 19. Automated Smart Attendance System Using Face Recognition.
- 20. Plant Disease Detection Using Machine Learning Techniques
- 21. Evaluation based Approaches for Liver Disease Prediction using Machine Learning Algorithms.
- 22. Prediction of Flood in Bangladesh using k-Nearest Neighbors Algorithm
- 23. Measuring the Heart Attack Possibility using Different Types of Machine Learning Algorithms
- 24. <u>Human Activity Recognition Through Ensemble Learning of Multiple Convolutional Neural Networks</u>
- 25. Agricultural Loan Recommender System A Machine Learning Approach
- 26. Twitter Spam Detection Using Natural Language Processing by Encoder Decoder Model
- 27. Time Series Analysis based Tamilnadu Monsoon Rainfall Prediction using Seasonal ARIMA
- 28. Predictive Analytics on Diabetes Data using Machine Learning Techniques
- 29. Crop Yield Prediction based on Indian Agriculture using Machine Learning

Deep Learning

- 30. <u>DeepCurvMRI</u>: <u>Deep Convolutional Curvelet Transform-based MRI Approach for Early Detection</u> of Alzheimer's disease.
- 31. A System Design With Deep Learning and IoT to Ensure Education Continuity for Post-COVID.
- 32. EdgeFireSmoke: A Novel Lightweight CNN Model for Real-Time Video Fire-Smoke Detection.
- 33. Facemask Wearing Alert System Based on Simple Architecture With Low-Computing Devices.
- 34. Toward Fast and Accurate Violence Detection for Automated Video Surveillance Applications
- 35. <u>Comparative Analysis of Vehicle-Based and Driver-Based Features for Driver Drowsiness</u>

 Monitoring by Support Vector Machines.
- 36. A Deep Learning-Based Efficient Firearms Monitoring Technique for Building Secure Smart Cities.
- 37. Facilitating Leucocyte Count Using Deep Learning: A Paradigm Shift.
- 38. Brain Tumor Detection and Classification Using Intelligence Techniques: An Overview.
- 39. <u>A Lightweight Robust Deep Learning Model Gained High Accuracy in Classifying a Wide Range of Diabetic Retinopathy Images</u>.
- 40. Traffic Signs Recognition using CNN and Keras.

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- 41. Impact of Fuzziness for Skin Lesion Classification with Transformer-Based Model
- 42. Lung Lesion Localization of COVID-19 From Chest CT Image: A Novel Weakly Supervised Learning Method
- 43. House Price Prediction Using Machine Learning and Neural Networks.
- 44. An Integrated Task Model for Fake News Detection.
- 45. <u>Sleep Apnea Detection from Single-Lead ECG: A Comprehensive Analysis of Machine Learning and</u>
 Deep Learning Algorithms.
- 46. <u>Deep Learning-Based Workers Safety Helmet Wearing Detection on Construction Sites Using</u>

 Multi-Scale Features
- 47. A Deep-Learning-Based Lightweight Model for Ship Localizations in SAR Images
- 48. Brain Tumor Detection and Classification Using Convolutional Neural Network (CNN)
- 49. Detection of Cardiovascular Diseases in ECG Images Using Machine Learning and Deep Learning Methods
- 50. Detecting Humans in Search and Rescue Operations Based on Ensemble Learning
- 51. ATT Squeeze U-Net: A Lightweight Network for Forest Fire Detection and Recognition
- 52. KrushiSahyog: Plant disease identification and Crop recommendation using Artificial Intelligence
- 53. Efficient Classification of Diabetic Retinopathy using Binary CNN

Cybersecurity, Cyberbullying

- 54. Ransomware Classification and Detection With Machine Learning Algorithms.
- 55. Fraud Detection in Banking Data by Machine Learning Techniques
- 56. Phishing Detection System through Hybrid Machine Learning Based on URL.
- 57. Classifying Swahili Smishing Attacks for Mobile Money Users: A Machine-Learning Approach.
- 58. <u>DEA-RNN: A Hybrid Deep Learning Approach for Cyberbullying Detection in Twitter Social Media</u>
 Platform.
- 59. A Deep Learning Ensemble With Data Resampling for Credit Card Fraud Detection.

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- 60. Emoji, Sentiment and Emotion Aided Cyberbullying Detection in Hinglish.
- 61. LSTM Based Phishing Detection for Big Email Data.

Block chain (Python & Java)

- 62. A Secure E-Coupon Service Based on Blockchain Systems.
- 63. A Blockchain-Based Crowdsourcing Loan Platform for Funding Higher Education in Developing Countries
- 64. Blockchain and AI-Empowered Healthcare Insurance Fraud Detection
- 65. A Framework to Make Voting System Transparent Using Blockchain Technology.
- 66. KiRTi: A Blockchain-based Credit Recommender System for Financial Institutions
- 67. d-BAME Distributed Blockchain-Based Anonymous Mobile Electronic Voting
- 68. DOC-BLOCK: A Blockchain Based Authentication System for Digital Documents

OpenAI - GPT

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

Cryptocurrency

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

OpenCV

72. An Approach to Control the PC with Hand Gesture Recognition using Computer Vision Technique