

Table of Contents - Vol.14 Issue 13

ISSN: 2278-2540 | www.ijltemas.in

SN	Title	Authors	Page No.
1	Topology Optimization for Low-Power-Wide-Area Networks (LPWANs) within Internet of Things (IOT)	Padmaja D Kadam, Sonali P Lohar	1-6
2	Detecting Misinformation Using Multimodal AI Models on Social Media Platforms	Ashwini Sonawane, Sayali Shinde	7-10
3	Enhanced Face Detection Using Haar Cascade with Histogram Equalization, Sharpening, and Denoising for Real-Time	Satishkumar Mulgi, Yogesh Ingale, Prajakta Phakatkar	11-12
4	The Evolution of Data Analytics and Its Future Implication	Rutuja Rajendra Pitrubhakta, Supriya Umesh Kamareddy	13-16
5	Utilizing AI Approaches for Generating Code Automatically	Dipali Jawale, Shivangi Shelke	17-20
6	Practicing Continuous Integration Continuous Delivery on AWS	Sonali P Lohar, Padmaja D Kadam	21-25
7	AI and Blockchain for Smart Traffic Management: A Decentralized and Intelligent Framework	Sujata Patil, Vidya Shinde	26-31
8	Disaster Recovery as a Cloud Service	Pooja A. Patil, Manisha V. Dhaybar	32-35
9	Blockchain Technology in Addressing Healthcare Issues: Opportunities and Challenges	Gapat Parmeshwar Uttreshwar, Hakim Burhanoddin Akram, Sujitkumar V. Chikurdekar	36-42
10	Modelling and Forecasting the USD-INR Exchange Rate Using MLR and ARIMA Approaches	Abhijeet Swami, Akshata Lembhe, Deepali Akolkar	43-47
11	Advanced Garbage Collection Strategies for Java Performance	Sapna Yadav, Prajakta Patil	48-51
12	Low-Cost Intelligent Robot Car with Autonomous and Manual Wireless Navigation Systems	Swati Shelar, Punam Warke	52-56
13	Blockchain + AI for Transparent and Auditable AI Models	Tejal Pegwar, Ruhina Siddiqui	57-61
14	Artificial Intelligence in Healthcare: Transforming the Future of	Amruta S. Navale, Bharati Bhamare	62-65
15	Measuring the Changing Trends among Students in the Post-Pandemic Phase	Shibani Kulkarni, Ranjit Patil	66-71
16	Deep Learning Analysis for Early Mental Health Disorder Detection via Voice Data	Neeta Namdeo Takawale	72-75
17	Exploring Cloud Solutions for Real-Time Big Data Processing	Vandana Nemane, Prajakta Patil	76-79
18	To Study and Analyze Sentiment Analysis of Customer Reviews Using Natural Language Processing Techniques	Reshma Masurekar, Deepashree Mehendale, Sonali Nemade, Ashwini Patil	80-84
19	A Machine Learning Models for Classifying Fake and Real News Articles	Shivangi Shelke, Dipali Jawale	85-89
20	Server Less Computing with AWS: Exploring the Power of Lambda and Step Functions	Punam Toke, Aradhya Desai	90-94
21	The Impact of Social Media on Interpersonal Relationships	Amruta S. Jadhav, Mizna M. Patel	95-97
22	Machine Learning in Cyber Security	Aradhya Desai, Shraddha Khorgade	98-102
23	Supervised Learning on Small Datasets: Few-Shot Approaches and Generalization	Sneha Swapnil Pawar, Amruta S. Navale	103-107
24	Generative AI Meets Big Data: Efficiency Gains vs. Cognitive	Pranita Deobhankar	108-112
25	Examining the Future: AI and Automation in Environmental	Pooja Dongare, Nimisha Rai	113-117
26	IoT-Driven Intelligent Monitoring Framework for Bikes	Kalyani Mahakal	118-122
27	Learning Framework for Design and Development of Cyber-Attack Detection and Cyber Security	Priyanka Vaibhav Kulkarni	123-128
28	Artificial Intelligence (AI) in Cardiovascular Diseases Detection	Shital A. Ladkat	129-133

Table of Contents - Vol.14 Issue 13

ISSN: 2278-2540 | www.ijltemas.in

SN	Title	Authors	Page No.
29	Comparative Analysis of Machine Learning Algorithms for Energy Consumption Forecasting	Sonali Nemade, Ashwini Patil, Deepashree Mehendale, Reshma Masurekar	134-137
30	Next-Gen Smart Traffic Violation Detection Using Edge AI and IoT for Safer Urban Mobility	Bharati Amit Patil, Shubhangi Ghule	138-142
31	AI-Driven Prediction of Health Diseases: Applications, Challenges, and Future Prospects	Shubhangi S. Ghule, Bharati A. Patil	143-147
32	The Influence of Data Structures on AI Decision-Making Processes	Gouramma B. Kadadi, Yogita K. Ghodke	148-150
33	Predictive Modeling for Patient Readmission Using Electronic Health Records (EHR)	Shivani R. Patra	151-154
34	Modeling Ancient Indian Trade Networks Using Operations Research: A Graph Theory Approach	Nikumbha Neha R., Pearly P. Kartha	155-158
35	Bridging the Past and Present: Implementing Ancient Indian Mathematical Techniques Using Python	Pearly P Kartha, Nikumbha Neha R	159-169
36	The Role of Mathematics in Astrology: Mathematical Foundations and Applications in Celestial Prediction	Ankita M. Gargote, Vidya B. Khairkhar	170-173
37	Blockchain Technology in Addressing Economic Issues: Opportunities and Challenges in the Share Market Using Mathematical Models	Gapat Parmeshwar Uttreshwar, Hakim Burhanoddin Akram, Manasi Kurtkoti, Yogesh Ingale, Satishkumar Mulgi	174-183
38	A Comparative Study of Machine Learning Models for Gender Recognition from Voice Samples	Manasi Manoj Sukale, Pradip Ravindra Jagdale	184-190
39	Comprehensive Study on Employee Promotion Using Classification Techniques	Deepali S. Akolkar, Shubham S. Kand	191-197
40	Optimal Solution of Linear Programming Problem Using Python and TORA: A Comparative Analysis	Mayuri B. Babar, Varsha J. Patil	198-200
41	Survival Analysis of Customer Lifetime and Churn Prediction in the Telecom Industry	Akshata Lembhe, Yogita Lagad, Rupali Kamthe, Abhijeet Swami	201-212
42	Predictive Modeling of Bank Marketing Campaign Responses Using Machine Learning	Komal Kothawade, Mayuri Babar, Deepali Akolkar, Neha Chothe	213-214
43	Geometric Deep Learning: Understanding Graph Neural Networks through the Lens of Mathematics	Harshda C. Gore, Shailesh P. Dhome	215-218
44	Matrix Factorization Techniques in Machine Learning from Dimensionality Reduction to Recommender System	Shailesh P. Dhome, Harshada C. Gore	219-222
45	Remote Router Access Protocols: Security Implications of TELNET and SSH	Satyavan Kunjir, Renuka Kulkarni	223-226
46	Analysis of Solution of Numerical Problem Using Maxima and Python Software	Varsha J. Patil, Mayuri B. Babar, Gitanjali N. Pawar	227-229
47	AI and Society, Navigating the Ethical and Social Dimensions of Intelligent Systems	Gitanjali Pawar, Varsha Patil	230-234
48	Forecasting Precious Metal Prices Using Simulated Data: A Comparative Study Using MLP, ARIMA and SVR	Seema Dokrimare, Yash Chaudhari, Anushree Sambarkar, Rajni Tupkar	235-239
49	Smart Transit: Real Time Bus Tracking and Monitoring System Using Embedded Technologies	Punam P. Warke, Swati Shelar, J. S. Sonawane	240-244

Table of Contents - Vol.14 Issue 13

ISSN: 2278-2540 | www.ijltemas.in

SN	Title	Authors	Page No.
50	Fraud Detection in Auto Insurance Claims Using Machine Learning Algorithms	<i>Pradip Ravindra Jagdale, Manasi Manoj Sukale</i>	245-256
51	Generative Adversarial Networks (GANs) For Data Augmentation	<i>Komal Korade, Sharayu Naiknavare</i>	257-259
52	Ethical Hacking Against QR Code-Based Attacks: Simulating Real-World Scenarios of QR Code Exploitation in Public Spaces	<i>Sammed V. Bukshete, Lina Chaudhari</i>	260-262