IEEE Python (ML / AI / Block Chain/CYBER SECURITY) Projects List 2023-2024

1	**P2401**	A Deep Learning-Based Efficient Firearms Monitoring Technique for Building Secure Smart Cities
2	**P2402**	A Machine Learning Approach Using Statistical Models for Early Detection of Cardiac Arrest in Newborn Babies in the Cardiac Intensive Care Unit
3	**P2403**	An Efficient Privacy-enhancing Cross-silo Federated Learning and Applications for False Data Injection Attack Detection in Smart Grids
4	**P2404**	DataFITS: A Heterogeneous Data Fusion Framework for Traffic and Incident Prediction
5	**P2405**	Fraud Auditor: A Visual Analytics Approach for Collusive Fraud in Health Insurance
6	**P2406**	Predicting hourly boarding demand of bus passengers using imbalanced records from smart-cards: A deep learning approach
7	**P2407**	Propounding First Artificial Intelligence Approach for Predicting Robbery Behavior Potential in an Indoor Security Camera
8	**P2408**	Trustworthy and Reliable Deep-Learning-Based Cyberattack Detection in Industrial IoT
9	**P2409**	PupilHeart: Heart Rate Variability Monitoring via Pupillary Fluctuations on Mobile Devices
10	**P2410**	RMT-Net: Reject-aware Multi-Task Network for Modeling Missing- not-at-random Data in Financial Credit Scoring
11	**P2411**	Improving Shopping Mall Revenue by Real Time Customized Digital Coupon Issuance
12	**P2412**	A Novel Approach for Disaster Victim Detection Under Debris Environments Using Decision Tree Algorithms With Deep Learning Features
13	**P2413**	Automated Emerging Cyber Threat Identification and Profiling Based on Natural Language Processing
14	**P2414**	Creating Alert Messages Based on Wild Animal Activity Detection Using Hybrid Deep Neural Networks
15	**P2415**	Data Driven Energy Economy Prediction for Electric City Buses Using Machine Learning
16	**P2416**	Explainable Artificial Intelligence for Patient Safety: A Review of Application in Pharmacovigilance
17	**P2417**	Optimal Ambulance Positioning for Road Accidents With Deep Embedded Clustering
18	**P2418**	Personalized Federated Learning for In-Hospital Mortality Prediction of Multi-Center ICU
19	**P2419**	The Influence of Artificial Intelligence on E-Governance and Cybersecurity in Smart Cities: A Stakeholder's Perspective
20	**P2420**	Real-Time Personalized Physiologically Based Stress Detection for Hazardous Operations

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21	**P2421**	A Multi-perspective Fraud Detection Method for Multi-Participant E-commerce Transactions
22	**P2422**	Abnormal Traffic Detection Based on Attention and Big Step Convolution
23	**P2423**	Identifying Student Profiles within Online Judge systems using Explainable Artificial Intelligence
24	**P2424**	Automated Android Malware Detection Using Optimal Ensemble Learning Approach for Cybersecurty
25	**P2425**	Predicting Behavior Change in Students With Special Education Needs Using Multimodal Learning Analytics
26	**P2426**	DeepSide: A Deep Learning Framework for Drug Side Effect Prediction
27	**P2427**	Unsupervised Machine Learning for Managing Safety Accidents in Railway Stations
28	**P2428**	Agricultural Text Classification Method Based on Dynamic Fusion of Multiple Features
29	**P2429**	Multi-Class Stress Detection Through Heart Rate Variability: A Deep Neural Network Based Study
30	**P2301**	Identifying the Gender of Human Cyber Attackers Using Machine Learning Techniques
31	**P2302**	Image Enhancement with the Application of Local and Global Enhancement Methods for Dark Images
32	**P2303**	Artificial Intelligence based Cyber Security Threats Identification in Financial Institutions Using Machine Learning Approach
33	**P2304**	Automatic Detection of Genetic Diseases in Pediatric Age Using Pupillometry
34	**P2305**	Forest Fire Detection using CNN-RF and CNN-XGBOOST Machine Learning Algorithms
35	**P2306**	An Improved System for Brain Pathology Classification using Hybrid Deep Learning Algorithm
36	**P2201**	PredicTour: Predicting Mobility Patterns of Tourists Based on Social Media User's Profiles
37	**P2202**	Phishing URL Detection: A Real-Case Scenario Through Login URLs
38	**P2203**	A Hybrid Deep Learning Approach for Bottleneck Detection in IoT
39	**P2204**	Identifying Health Insurance Claim Frauds Using Mixture of Clinical Concepts
40	**P2205**	Malware Detection: A Framework for Reverse Engineered Android Applications through Machine Learning Algorithms
41	**P2206**	Electricity Theft Detection in Smart Grids Based on Deep Neural Network
42	**P2207**	Sarcasm detection using machine learning
43	**P2208**	Block Hunter Federated Learning for Cyber Threat Hunting in Blockchain based IIoT Networks
44	**P2209**	Machine Learning-Based Analysis of Crypto Currency Market Financial Risk Management
45	**P2210**	Dfr-tsd a deep learning based framework for robust traffic sign detection under challenging weather conditions

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46	**P2211**	Fake Profile Identification in Social Network Using Machine Learning and NLP
47	**P2212**	Adaptive hierarchical cyber-attack detection and localization in active distribution system
48	**P2213**	A Deep Attentive Multimodal Learning Approach for Disaster Identification From Social Media Posts
49	**P2214**	Machine Learning based Iris Recognition Modern Voting System
50	**P2215**	Prediction of Air Pollution by using Machine Learning Algorithm
51	**P2216**	Composite Behavioural Modelling for Identity Theft Detection in Online Social Networks
52	**P2217**	DEA-RNN: A Hybrid Deep Learning Approach for Cyberbullying Detection in Twitter Social Media Platform
53	**P2218**	E-Pilots: A system to predict hard landing during the approach phase of commercial flights
54	**P2219**	A Machine Learning-Based Classification and Prediction Technique for DDoS Attacks
55	**P2220**	Predicting Urban Water Quality with Ubiquitous Data
56	**P2221**	Computer Vision and Machine Learning for Viticulture Technology
57	**P2222**	Two-Fold Machine Learning Approach to Prevent and Detect IoT Botnet Attacks
58	**P2223**	Dark-TRACER Early Detection Framework for Malware Activity Based on Anomalous Spatiotemporal Patterns
59	**P2224**	An Expert System for Insulin Dosage Prediction
60	**P2225**	Data Poison Detection Schemes for Distributed Machine Learning
61	**P2222**	A Robust Approach for Effective Spam Detection Using Supervised Learning Techniques
62	**P2227**	Machine learning for fast and reliable source-location estimation in earthquake early warning
63	**P2228**	Groundwater level prediction using hybrid artificial neural network with genetic algorithm
64	**P2229**	Detecting sybil attacks using proofs of work and location in VANETs
65	**P2230**	Automated Vision-based Surveillance System to Detect Drowning Incidents in Swimming Pools
66	**P2231**	Trustworthiness Assessment of Users in Social Reviewing Systems
67	**P2232**	Securing pharmaceutical data using homomorphic encryption
68	**P2233**	A Forensics Activity Logger to Extract User Activity from Mobile Devices
69	**P2236**	A Novel Software Engineering Approach Toward using Machine Learning for Improving the Efficiency of Health Systems
70	**P2237**	Smart health consulting online system
71	**P2238**	SCA Sybil-based Collusion Attacks of IIoT Data Poisoning in Federated Learning
72	**P2239**	Wish List Products Price Comparison Website Project
73	**P2240**	Flood Forecasting By Using Machine Learning

74	**P2241**	Water Net A Network for Monitoring and Assessing Water Quality for Drinking and Irrigation Purposes
75	**P2242**	Predicting the price of used cars using Machine Learning techniques
76	**P2243**	A Deep Learning-Based Approach for Inappropriate Content Detection and Classification Of Youtube Videos

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1	Intelligent Video Surveillance Using Deep Learning
2	A Deep Transfer Learning-based Edge Computing Method for Home Health Monitoring
3	A Hybrid Deep Learning Technique for Personality TraitClassification From Text
4	SSLA Based Traffic Sign and Lane Detection for Autonomouscars
5	A Time-Frequency Based Suspicious Activity Detection for Anti-MoneyLaundering
6	IRIS RECOGNITION USING MACHINE LEARNING TECHNIQUE
7	Machine Learning and End-to-end Deep Learning for the Detectionof Chronic Heart Failure from Heart Sounds
8	Detection and Isolation of Sensor Attacks for Autonomous Vehicles:Framework, Algorithms, and Validation
9	Text And Image Plagiarism Detection
10	Anomaly Detection and Attack Classification for Train Real-time Ethernet
11	Identifying Bone Tumor using X-Ray Images
12	Fingerprint based ATM system
13	Image Forensic for Digital Image Copy Move Forgery Detection
14	Machine Learning Methods for Attack Detection in the Smart Grid
15	Analysis and Detection of Autism Spectrum Disorder Using Machine Learning Techniques
16	Person Re-Identification With Reinforced Attribute AttentionSelection
17	Integrating Stacked Sparse Auto-Encoder Into Matrix Factorization for Rating Prediction
18	Deep Learning of Facial Depth Maps for Obstructive Sleep ApneaPrediction

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19	Toward Detection and Attribution of Cyber-Attacks in IoT-enabledCyber-physical Systems
20	SyntheticNET: A 3GPP Compliant Simulator for AI Enabled 5G andBeyond
21	Geo Tracking of Waste and Triggering Alerts and MappingAreaswithHigh Waste Index
22	An Experimental Study for Software Quality Prediction withMachineLearning Methods
23	A Data Analytics Approach to the Cybercrime UndergroundEconomy
24	An Automatic Advisor for Refactoring Software Clones Based onMachine Learning
25	Blockchain Based Certificate Validation
26	Application and evaluation of a K-Medoids based shape clusteringmethod for an articulated design space
27	Local Dynamic Neighborhood Based Outlier Detection Approachand its Framework for Large-Scale Datasets
28	Image Forgery Detection Based on Fusion of Lightweight DeepLearning Models
29	Hand Gesture Recognition and Voice Conversion for Deaf andDumb
30	A BI-OBJECTIVE HYPER-HEURISTIC SUPPORT VECTOR MACHINES FOR BIG DATA CYBER-SECURITY
31	Fall Detection For Elderly People Using Machine Learning
32	SESV: Accurate Medical Image Segmentation by Predicting andCorrecting Errors
33	A Deep Neural Framework for Continuous Sign LanguageRecognitionby Iterative Training
34	Captcha Recognition Using CNN
35	Fake detector Effective Fake News Detection With Deep DiffusiveNeural Network
36	Stress Detection In It Professionals By Image Processing AndMachine Learning

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37	Transfer Learning For Recognizing Face In Disguise
38	Application Research Of Text Classification Based On RandomForestAlgorithm
39	Checking Security Properties Of Cloud Service Rest Apis
40	An Examination System Automation Using Natural Language Processing
41	Applications Of Machine Learning In The Field Of Medical Care
42	Interpretable Machine Learning In Healthcare Through GeneralizedAdditive Model With Pairwise Interactions (Ga2m): Predicting Severe Retinopathy Of Prematurity*
43	Analysis And Prediction Of Cardio Vascular Disease Using Machine Learning Classifiers
44	Design Of Restaurant Billing System (E Bill Resto) By Applying Synchronization Of Data Billing In Branch Companies To Main Companies Based On Rest Api
45	Building Search Engine Using Machine Learning Technique
46	A Study Of Blockchain Technology In Farmer's Portal
47	Improving Lives Of Indebted Farmers Using Deep Learning
48	Content Analysis Of Messages In Social Networks, Identification OfSuicidal Types
49	Crop Yield Prediction Using Machine Learning Techniques
50	Text Classification On Twitter Data
51	Automated Machine Learning: The New Wave Of Machine Learning
52	Scalable Analytics Platform For Machine Learning In Smart Production Systems
53	An Application Of A Deep Learning Algorithm For Automatic Detection Of Unexpected Accidents Under Bad Cctv MonitoringConditions In Tunnels

54	End-To-End Conversion Speed Analysis Of An Fpt.Ai-Based Text-To-Speech Application
55	Location Prediction On Twitter Using Machine Learning Techniques
56	Machine Learning For Web Vulnerability Detection: The Case OfCross-Site Request Forgery
57	Artificial Intelligence And Covid-19 Deep Learning Approaches For Diagnosis And Treatment
58	Generating Cloud Monitors From Models To Secure Clouds
59	Leveraging Cnn And Transfer Learning For Vision-Based Human Activity Recognition
60	B5g And Explainable Deep Learning Assisted Healthcare Vertical AtThe Edge Covid-19 Perspective
61	Cryptocurrency Price Analysis With Artificial Intelligence
62	Predicting And Defining B2b Sales Success With Machine Learning
63	Design And Implementation Of Domestic News Collection SystemBased On Python
64	Data Analysis By Web Scraping Using Python
65	A Lightweight Secure Data Sharing Scheme For Mobile CloudComputing
66	Semi-supervised machine learning approach for DDoS detection
67	Attribute-Based Cloud Data Integrity Auditing For Secure Outsourced Storage
68	Automatic Keyword And Sentence-Based Text Summarization For Software Bug Reports
69	News Text Summarization Based On Multi-Feature And Fuzzy Logic
70	Automated Machine Learning Approach For Smart Waste Management System
71	Digital Vehicle – License, Insurance And Rc Book Tracing For Police

72	Securing Data With Blockchain And Ai
73	A Decision Tree Based Recommendation System For Tourists
74	You Tube Spam Detection
75	Car Popularity Prediction
76	Performance Analysis On Student Feedback Using Machine LearningAlgorithms
77	Diabetes Disease Prediction Using Machine Learning Algorithms
78	Crime Type And Occurrence Prediction Using Machine LearningAlgorithm
79	Image Caption Generator Using Cnn And Lstm
80	Predicting Flight Delays With Error Calculation Using MachineLearned Classifiers
81	Nse Stock Monitoring & Prediction Using Robotic Process Automation
82	Bird Species Identification Using Deep Learning
83	
84	Weapon Detection Using Artificial Intelligence And Deep Learning For Security Applications
85	Missing Child Identification System Using Deep Learning AndMulticlass Svm
86	Suspicious Activity Detection
87	Deep Learning Applications In Medical Image Analysis-brain tumor
88	Classifying Fake News Articles Using Natural Language Processing ToIdentify In-Article Attribution As A Supervised Learning Estimator
89	Real Time Object Detection Using Yolo Algorithm

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90	Context Based Image Processing Using Machine Learning Approaches
91	A Machine Learning Model For Average Fuelconsumption InHeavyVehicles
92	Detecting Spam Email With Machine Learning Optimized With Bio-Inspired Metaheuristic Algorithms
93	Eye Ball Cursor Movement Using Opencv
94	Spammer Detection and Fake User Identification on Social Networks
95	Helmet Detection And License Plate Recgnozation Using Cnn
96	E-Assessment Using Image Processing In Exams
97	Rainfall prediction using wavelet neural network analysis
98	Prediction of House Pricing Using Machine Learning with Python
99	Heart Disease Prediction Using Machine Learning Algorithms
100	Traffic sign recognition and detection
101	Weather Forecasting to prevents a natural clamities
102	Converging Blockchain and Machine Learning for Healthcare
103	An Efficient Spam Detection Technique for IoT Devices Using MachineLearning
104	CREDIT CARD FRAUD DETECTION USING ADABOOST AND MAJORITYVOTING
105	URBAN STREET CLEANLINESS ASSESSMENT USING MOBILE EDGE COMPUTING AND DEEP LEARNING
106	Network Intrusion Detection for IoT Security based on LearningTechniques
107	Liver Disease Prediction using SVM and Naïve Bayes Algorithms

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108	MODELING AND PREDICTING CYBER HACKING BREACHES
109	DATA SECURITY APPROACH ON CYBER CRIME WITH WEBVULNERABILITY
110	TOWARD BETTER STATISTICAL VALIDATION OF MACHINE LEARNING-BASED MULTIMEDIA QUALITY ESTIMATORS
111	Predicting the top-N popular videos via cross-domain hybrid model
112	FINDING TRUSTWORTHY SERVICE PROVIDER IN TRUSTED NETWORK
113	USE OF ARTIFICIAL NEURAL NETWORKS TO IDENTIFY FAKEPROFILES
114	Machine Learning Techniques for Cyber Attacks Detection
115	Prediction of Hepatitis Disease Using Machine Learning Technique
116	WEB APPLICATION FOR COMMUNITY QUESTION ANSWERING
117	ANALYSIS OF WOMEN SAFETY IN INDIAN CITIES USING MACHINE LEARNING ON TWEETS
118	Density based smart traffic control system using canny edge detection algorithm for congregrating traffic information using AI
119	IMAGE BASED APPRAISAL OF REAL ESTATE PROPERTIES
120	A NEW APPROACH FOR COMPLEX ENCRYPTING AND DECRYPTINGDATA
121	Applied Machine Learning Predictive Analytics to SQL Injection Attack Detection and Prevention
122	Driver Drowsiness Monitoring System using Visual Behaviour and Machine Learning
123	WEAKLY-SUPERVISED DEEP EMBEDDING FOR PRODUCT REVIEW SENTIMENT ANALYSIS
124	MULTI-TRAFFICSCENCE PERCEPTION BASED ON SUPERVISEDLEARNING

125	A Data Mining based Model for Detection of Fraudulent Behaviour in Water Consumption
126	CHARACTERIZING AND PREDICTING EARLY REVIEWERS FOR EFFECTIVE PRODUCT MARKETING ON E-COMMERCE WEBSITES
127	Vehicle Pattern Recognition using Machine Deep Learning to Predict CarModel
128	Social Network Rumor Diffusion Predication Based on Equal Responsibility Game Model
129	An Analysis of Machine Learning Classifiers in Breast Cancer Diagnosis
130	A holistic framework for crime prevention, response, and analysis withemphasis on women safety using technology and societal participation
131	A Personalized Healthcare Monitoring System for Diabetic Patients
132	A DEEP LEARNING FACIAL EXPRESSION RECOGNITION BASED SCORING SYSTEM FOR RESTAURANTS
133	A Sentiment Analysis System to Improve Teaching and Learning
135	DeprNet A Deep Convolution Neural Network Framework for DetectingDepression
136	Chronic Kidney Disease Stage Identification in HIV Infected Patients using Machine Learning
137	IMPLEMENTATION OF MACHINE LEARNING ALGORITHMS FORDETECTION OF NETWORK INTRUSION
138	Traffic Prediction for Intelligent Transportation System using MachineLearning
139	A User-Centric Machine Learning Framework for Cyber Security Operations Center
140	Automating E-Government Services With Artificial Intelligence
141	Police FIR Management Application
142	An Emotion Based Music Player using python
143	Real Time Vehicle Detection and Counting Using ML

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144	Human activity recognition using python
145	Inventory Management System
146	Online Railway Reservation Application
147	Online Food Order Application Using Django
148	Online e-commerce Shopping Application
149	Student Result Management Application
150	Face Recognition Based Attendance Application
151	School Library Application
152	During Covid-19 Situation Social Distance Detection Application
153	Library Management Application using Django
154	Brain Stroke Prediction and Analysis of Machine Learning
155	Car Rental Application
156	ecommerce Application with Order tracking
157	Laundry Shop Managament Application
158	Grocery Point Of Sale Application
159	Django School Management Application

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