

## **PYTHON (ML / AI / Block Chain) PROJECTS**

### **Python (ML / AI / Block Chain) Projects List**

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 Trait Classification From Text
4	SSLA Based Traffic Sign and Lane Detection for Autonomoucars
5	A Time-Frequency Based Suspicious Activity Detection for Anti-Money Laundering
6	Optimization of the Hybrid Movie Recommendation System Based on Weighted Classification and User CollaborativeFiltering Algorithm
7	Machine Learning and End-to-end Deep Learning for the Detection of Chronic Heart Failure from Heart Sounds
8	Detection and Isolation of Sensor Attacks for AutonomousVehicles: Framework, Algorithms, and Validation
9	Movie Success Prediction Using Naïve Bayes, Logistic Regression and Support Vector Machine
10	Anomaly Detection and Attack Classification for Train Real-time Ethernet
11	Identifying Bone Tumor using X-Ray Images
12	Alzheimer Disease Prediction using Machine Learning Algorithms
13	Attention Consistent Network for Remote Sensing Scene Classification
14	Feature Extraction and Analysis of Natural Language Processingfor Deep Learning English Language

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15	Analysis and Detection of Autism Spectrum Disorder Using Machine Learning Techniques
16	Person Re-Identification With Reinforced Attribute Attention Selection
17	An Ensemble Learning-Based Data-Driven Method for Online State-of-Health Estimation of Lithium-Ion Batteries
18	Deep Learning of Facial Depth Maps for Obstructive Sleep Apnea Prediction
19	Radiographic Weld Defect Classification
20	Classification Of Fractured Bones Using Machine Learning
21	Detecting Malicious Twitter Bots Using Machine Learning
22	Location prediction on Twitter using machine learning Techniques
23	Deep Facial Diagnosis: Deep Transfer Learning From Face Recognition to Facial Diagnosis
24	An Automatic Advisor for Refactoring Software Clones Based on Machine Learning
25	Optimised stacked ensemble techniques in the prediction of cervical cancer using SMOTE and RFERF
26	Application and evaluation of a K-Medoids based shape clustering method for an articulated design space
27	Local Dynamic Neighborhood Based Outlier Detection Approach and its Framework for Large-Scale Datasets
28	Image Forgery Detection Based on Fusion of Lightweight Deep Learning Models
29	Integrating Stacked Sparse Auto-Encoder Into Matrix Factorization for Rating Prediction
30	An Efficient Gait Recognition Method for Known and Unknown Covariate Conditions

## Python Major Projects Titles List 2022-2023

31	Inverse Cooking: Recipe Generation from Food Images
32	SESV: Accurate Medical Image Segmentation by Predicting and Correcting Errors
33	Prediction for Manufacturing Factors in a Steel Plate Rolling Smart Factory Using Data Clustering-Based Machine Learning
34	Explaining Deep Learning-Based Traffic Classification Using a Genetic Algorithm
35	A Data Analytics Approach to the Cybercrime Underground Economy
36	EfficientDet: Scalable and Efficient Object Detection
37	Geo Tracking of Waste and Triggering Alerts and MappingAreas with High Waste Index
38	A Novel Method for Computationally Efficacious Linear and Polynomial Regression Analytics of Big Data in Medicine
39	Toward Detection and Attribution of Cyber-Attacks in IoT-enabled Cyber-physical Systems
40	Transfer Learning for an Automated Detection System of Fractures in Patients with Maxillofacial Trauma
41	An Experimental Study for Software Quality Prediction with Machine Learning Methods
42	Cnn Based Speaker Recognition In Language And Text-Independent Small-Scale System
43	Hybrid Recommender System for Tourism Based on Big Data andAI: A Conceptual Framework
44	A Deep Neural Framework for Continuous Sign Language Recognition by Iterative Training
45	SyntheticNET: A 3GPP Compliant Simulator for AI Enabled 5G and Beyond
46	Automatic Grading of Programming Assignments: An Approach Based on Formal Semantics

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47	Fall Detection For Elderly People Using Machine Learning
48	Image Forensic for Digital Image Copy Move Forgery Detection
49	Automatic Lung Segmentation Using Control Feedback System: Morphology and Texture Paradigm
50	Hand Gesture Recognition and Voice Conversion for Deaf and Dumb
Msr-2100	Fake detector Effective Fake News Detection With Deep Diffusive Neural Network
Msr-2101	Stress Detection In It Professionals By Image Processing And Machine Learning
Msr-2102	Transfer Learning For Recognizing Face In Disguise
Msr-2103	Application Research Of Text Classification Based On Random Forest Algorithm
Msr-2104	Checking Security Properties Of Cloud Service Rest Apis
Msr-2105	Behaviour Analysis For Mentally Affected People
Msr-2106	Filtering Instagram Hashtags Through Crowdtaggi And The Hits
Msr-2108	An Examination System Automation Using Natural Language Processing
Msr-2109	Applications Of Machine Learning In The Field Of Medical Care
Msr-2110	Interpretable Machine Learning In Healthcare Through Generalized Additive Model With Pairwise Interactions (Ga2m): Predicting Severe Retinopathy Of Prematurity*
Msr-2111	Analysis And Prediction Of Cardio Vascular Disease Using Machine Learning Classifiers
Msr-2112	Design Of Restaurant Billing System (E Bill Resto) By Applying Synchronization Of Data Billing In Branch Companies To Main Companies Based On Rest Api
Msr-2113	Building Search Engine Using Machine Learning Technique

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Msr-2115	A Study Of Blockchain Technology In Farmer's Portal
Msr-2116	Improving Lives Of Indebted Farmers Using Deep Learning
Msr-2117	Content Analysis Of Messages In Social Networks, Identification Of Suicidal Types
Msr-2119	Crop Yield Prediction Using Machine Learning Techniques
Msr-2120	Text Classification On Twitter Data
Msr-2121	Automated Machine Learning: The New Wave Of Machine Learning
Msr-2122	Predicting Covid-19 In China Using Hybrid Ai Model
Msr-2123	Scalable Analytics Platform For Machine Learning In Smart Production Systems
Msr-2124	An Application Of A Deep Learning Algorithm For Automatic Detection Of Unexpected Accidents Under Bad Cctv Monitoring Conditions In Tunnels
Msr-2126	End-To-End Conversion Speed Analysis Of An Fpt.Ai-Based Text-To-Speech Application
Msr-2127	A Corona Recognition Method Based On Visible Light Color And Machine Learning
Msr-2128	Location Prediction On Twitter Using Machine Learning Techniques
Msr-2129	Machine Learning For Web Vulnerability Detection: The Case Of Cross-Site Request Forgery
Msr-2130	Artificial Intelligence And Covid-19 Deep Learning Approaches For Diagnosis And Treatment
Msr-2131	Generating Cloud Monitors From Models To Secure Clouds
Msr-2132	Leveraging Cnn And Transfer Learning For Vision-Based Human Activity Recognition
Msr-2133	B5g And Explainable Deep Learning Assisted Healthcare Vertical At The Edge Covid-19 Perspective

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Msr-2134	Cryptocurrency Price Analysis With Artificial Intelligence
Msr-2135	Image-Based leaf Disease Detetction A Comparison Of Deep Learning And Classical
Msr-2136	Predicting And Defining B2b Sales Success With Machine Learning
Msr-2137	Design And Implementation Of Domestic News Collection System Based On Python
Msr-2138	Data Analysis By Web Scraping Using Python
Msr-2139	A Lightweight Secure Data Sharing Scheme For Mobile Cloud Computing
Msr-2140	A Supervised Machine Learning Algorithm For Heart-Rate Detection Using Doppler Motion-Sensing Radar
Msr-2142	Attribute-Based Cloud Data Integrity Auditing For Secure Outsourced Storage
Msr-2143	Automatic Keyword And Sentence-Based Text Summarization For Software Bug Reports
Msr-2144	News Text Summarization Based On Multi-Feature And Fuzzy Logic
Msr-2145	Automated Machine Learning Approach For Smart Waste Management System
Msr-2146	Digital Vehicle – License, Insurance And Rc Book Tracing For Police
Msr-2149	Rescue Wings: Web Computing And Active Services Support For Disaster Rescue
Msr-2150	Traffic Sign Recognition By Combining Global And Local Features Based On Semi-Supervised Classification

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Msr-2151	Video Behavior Profiling For Anomaly Detection
Msr-2152	Heart Disease Prediction Using Bio Inspired Algorithms
Msr-2153	Securing Data With Blockchain And Ai
Msr-2154	Intelligent Agent Based Job Search System In Web Environment
Msr-2155	Automatic Traffic Sign Detection And Recognition Using Segu-Net And A Modified Tversky Loss Function With L1- Constraint
Msr-2156	A Decision Tree Based Recommendation System For Tourists
Msr-2157	Blockchain E-Voting Done Right: Privacy And Transparency With Public Blockchain
Msr-2158	You Tube Spam Detection
Msr-2159	Car Popularity Prediction
Msr-2160	User Behavior Prediction Of Social Hotspots Based On Multi Message Interaction And Neural Network
Msr-2161	On The Personalization Of Classification Models For Human Activity Recognition
Msr-2162	Detection Of Malicious Social Bots Using Learning Automata With Url Features In Twitter Network
Msr-2163	Computer-Aided Diagnosis Of Chronic Kidney Disease In Developing Countries A Comparative Analysis Of Machine Learning Techniques
Msr-2164	Bird Classification Using Binary Relevance Approach With Random Forest
Msr-2165	Performance Analysis On Student Feedback Using Machine Learning Algorithms

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Msr-2166	Academic Performance Prediction Based On Multisource, Multi Feature Behavioral Data
Msr-2167	Hdpm: An Effective Heart Disease Prediction Model For A Clinical Decision Support System
Msr-2168	Machine Learning Based Suicide Ideation Prediction For Military Personnel
Msr-2169	A Lightweight Convolutional Neural Network For Real-Time Facial Expression Detection
Msr-2170	Diabetic Retinopathy Detection By Means Of Deep Learning
Msr-2171	Melanoma Detection Using Convolutional Neural Network
Msr-2173	Diabetes Disease Prediction Using Machine Learning Algorithms
Msr-2174	Crime Type And Occurrence Prediction Using Machine Learning Algorithm
Msr-2175	Image Caption Generator Using Cnn And Lstm
Msr-2177	Predicting Flight Delays With Error Calculation Using Machine Learned Classifiers
Msr-2178	Nse Stock Monitoring & Prediction Using Robotic Process Automation
Msr-2183	A Deep Learning Facial Expression Recognition Based Scoring System For Restaurants
Msr-2184	A Machine Learning Model For Average Fuelconsumption In HeavyVehicles
Msr-2185	Bird Species Identification Using Deep Learning
Msr-2186	Online Depression Detection Application
Msr-2187	Drug-Disease-Prediction-Using-Machine-Learning



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Msr-2189	Weapon Detection Using Artificial Intelligence And Deep Learning For Security Applications
Msr-2190	Missing Child Identification System Using Deep Learning And Multiclass Svm
Msr-2191	Suspicious Activity Detection
Msr-2193	Movie Recommendation System Using Sentiment Analysis From Microblogging Data
Msr-2194	Deep Learning Applications In Medical Image Analysis
Msr-2195	Classifying Fake News Articles Using Natural Language Processing To Identify In-Article Attribution As A Supervised Learning Estimator
Msr-2196	Real Time Object Detection Using Yolo Algorithm
Msr-2197	Context Based Image Processing Using Machine Learning Approaches
Msr-2198	Detecting Spam Email With Machine Learning Optimized With Bio-Inspired Metaheuristic Algorithms
Msr-2199	Emotion Correlation Mining Through Deep Learning Models On Natural Language Text
64	Block chain based Milk Delivery Platform for Stallholder Dairy Farmers in Kenya: Enforcing Transparency and Fair Payment
65	Implementation of Block chain in Financial Sector to Improve Scalability
66	Blockchain Based Ecommerce online application
80	Water Quality Monitoring and Forecasting System
81	Road Traffic Vehicle Detection and Tracking using Deep Learning with Custom-Collected and Public Datasets
82	VitaSi: A real-time contactless vital signs estimation system
83	Iris Recognition Using Machine Learning Technique

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84	Captcha Recognition Using CNN
85	Displaying Emoji Based Facial Expression
86	Eye Ball Cursor Movement Using Opencv
87	Lung Cancer Detection using Ensemble Algorithm
88	Machine Learning Methods for Attack Detection in the Smart Grid
89	Email Spam Detection Using Machine Learning Algorithms
90	Electricity Theft Detection In Power Grids With Deep Learning And Random Forests
91	Blockchain Based Certificate Validation
92	Skin Disease Detection And Classification Using Deep Learning Algorithms
93	Fingerprint Compression Based On Sparse Representation
94	Weapon Detection using Artificial Intelligence and Deep Learning for Security Applications
95	Text And Image Plagiarism Detection
96	Honey Bee Image Classification Neural Networks
97	Hand Gesture Recognition using Convolution Neural Networks
98	Spammer Detection and Fake User Identification on Social Networks
99	Supermarket billing System using Webcam
100	Brain Tumour Image Segmentation Using Deep Networks

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101	Sentiment Analysis of Movie Review Using Supervised Machine Learning Techniques
102	Student Intervention Detection Using Deep Learning Technique
103	Machine learning for email spam filtering: review, approaches and open research problems
104	Adaptive Safe Semi-Supervised Extreme Machine Learning
105	Vehicle Tracking And Speed Estimation From Traffic Videos
106	Helmet Detection And License Plate Recognition Using Cnn
107	Real Time Localized Air Quality Monitoring and Prediction Through Mobile and Fixed IoT Sensing Network
108	Network Intrusion Detection using Supervised Machine Learning Technique with Feature Selection
109	Forecasting Crude Oil Prices: a Deep Learning based Model
110	Video-Based Abnormal Driving Behaviour Detection via Deep Learning Fusions
111	Density Based Smart Traffic Control System Using Canny Edge Detection Algorithm for Congregating Traffic Information
	Feature extraction for classifying students based on their academic performance
112	E-Assessment Using Image Processing In Exams
113	A Decision Tree based Recommendation System for Tourists
114	Image Classification Using CNN (Convolution Neural Networks) Algorithm
115	How Data-Driven Entrepreneur Analyzes Imperfect Information for Business Opportunity Evaluation

## Python Major Projects Titles List 2022-2023

116	Rainfall prediction using wavelet neural network analysis
117	Sliding Window Blockchain Architecture for Internet of Things
118	Efficient Local Secret Sharing for Distributed Blockchain Systems
119	Blockchain-Based Outsourced Storage Schema in Untrusted Environment
120	Light Repository Blockchain System with Multisecret Sharing for Industrial Big Data
121	A Machine Learning Framework For Biometric Authentication Using Electrocardiogram
122	Fake Product Review Monitoring And Removal For Genuine Online Product Reviews Using Opinion Mining
123	Emotion Based Music Recommendation System
124	Diabetic Retinopathy Identification Using Eye Fundus Images
125	Android Malware Detection Using Genetic Algorithm Based Optimized Feature Selection And Machine Learning
126	Construction Site Accident Analysis Using Text Mining And Natural Language Processing Techniques
127	Automating E-Government using AI
	Drug-Disease-prediction-using-Machine-Learning
128	A Deep Learning Facial Expression Recognition Based Scoring System For Restaurants
129	A Machine Learning Model for Average Fuel consumption in heavy vehicles
130	Recommender System With Artificial Intelligence For Fitness Assistance System
131	Lane Detection Of Curving Road For Structural High-Way With Straight-Curve Model On Vision

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132	Diabetic Retinopathy Image Synthesis with Generative Adversarial Network
133	Efficient Mining of Frequent Patterns on Uncertain Graphs
134	Online Depression Detection Application
135	Machine Learning For Plant Leaf Disease Detection And Classification
136	Influences In Social Networks
137	Plagiarism Detection Process Using AI
138	Chatbot Application using Deep Learning Algorithm
139	Crime Prediction And Analysis Using Machine Learning
140	Stock Market Prediction Using Knn
141	Predicting Student Performance with Deep Neural Networks
142	Robust Intelligent Malware Detection Using Deep Learning
143	Pothole Detection System using Convolution Neural Networks
144	Age and Gender Classification using Convolutional Neural Networks
145	Adaptive Safe Semi-Supervised Extreme Machine Learning
146	Opinion Dynamics-Based Group Recommender Systems
147	Spammer Detection and Fake User Identification on Social Networks

### Python Special Project List 2022-2023

S.No	Project Titles
1	Real Time Vehicle Detection and Counting Using ML
2	Online Tribal Product Selling Application
3	Human Eye Ball Cursor Movement Using Opencv
4	Online E-Assessment Using Image Processing In ∞Exams
5	A Real Time Vehicle Based Suspicious Activity Detection

## Python Major Projects Titles List 2022-2023

6	Face Recognition using YOLO Python
7	Density Based Smart Traffic Control System
8	Online e-commerce Shopping Application
9	Online Andhra Pradesh Govt Job Portal
10	College Event Management System
11	Police FIR Management Application
12	During Covid-19 Situation Social Distance Detection Application
13	Web based online Vehicle Service Management Application
14	Online File Management Application
15	Medical Store Bill Management Application
16	Online Railway Reservation Application
17	Student Result Management Application
18	Online web site Sweet Shop Application
19	Leave management Application
20	Human activity recognition using python
21	An Emotion Based Music Player using python
22	Face Mask Detection Application
23	Data Analysis by Web Scraping Using Python
24	Real Time Object Detection Using Yolo
25	Library Management Application using Django
26	Face Recognition Based Attendance Application
27	Social Distancing Detection in Real Time With AI
28	Food Bank Management Application in Django Framework
29	Fire Detection using OpenCV
30	Online Food Order Application Using Django
31	Students Attendance Management Application
32	Railway Reservation Application
33	Student Result Management Application
34	Online Chat room Application
35	Medical Store Management Application
36	Combo Snake and ladder games using django
37	An Emotion Based Music Player using python
38	Distributed File Application
39	School Library Application
40	Employee Information Application
41	Blog News portal application

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42	Car Rental Application
43	ecommerce Application with Order tracking
44	Laundry Shop Management Application
45	File Management Application
46	Inventory Management Mystem
47	Grocery Point Of Sale Application
48	Django School Management Application
49	Chess Game in Web Application
50	Moving Object and Hand, Finger Counting Detection using Frame Differencing
51	Fingerprint based ATM system
52	Handwriting Alphabet and Number Recognition using Machine Learning
53	Brain Stroke Prediction and Analysis of Machine Learning
54	ROAD LANE LINE DETECTION USING OPENCV
55	Sign to Speech Conversion using Machine Learning