

## Project Titles list Python

S N O	TITLE	DOMAI N
1	A Hybrid Dependable Deep Feature Extraction And Ensemble-Based Machine Learning Approach for Breast Cancer Detection.	Image Processi ng
2	A Novel Lightweight Deep Learning Framework for Cardiovascular Disease Classification Using Heart Sound Recordings	Deep Learning
3	Comparative Analysis of Psychological Stress Detection: A Study of Artificial Neural Networks and Cat Boost Algorithm	Machine Learning
4	Knee Osteoarthritis Detection and Classification Using X-Rays	Image Processi ng
5	DS-BizCardX Extracting Business Card Data with OCR	Image Processi ng
6	Image Inpainting with Cascaded Modulation GANand Object-Aware Training	Image Processi ng
7	Advanced Image Analysis for Guava Fruit Disease Diagnosis	Image Processi ng
8	Advanced Threat Perception And Personalized Alert System	Image Processi ng
9	Forecasting Electrical demand Estimation using Machine Learning	Image Processi ng
10	Smart Attendance System: Integrating Web-Based Face Recognition and QR Code Technology	Image Processi ng
11	CNN-Based Object Recognition and Tracking System to Assist Visually Impaired People	Image Processi ng
12	Heritage Identification of Monuments using Deep Learning Techniques	Image Processi ng
13	Quantum machine learning for 6G communication networks	Machine Learning
14	UPI fraud detection using machine learning	Machine Learning
15	Towards Trust of Explainable AI in Thyroid Nodule Diagnosis	Image Processi ng
16	Insider Threat Detection Using Machine Learning Approach	Machine Learning
17	AI Techniques of Dermoscopy Image Analysis for the Early Detection of Skin Lesions Based on Combined CNN Features	Image Processi ng

## Project Titles list Python

18	Automated Stroke Prediction Using Machine Learning: An Explainable and Exploratory Study With a Web Application for Early Intervention	Machine Learning
19	A Data-Driven Approach to Predict Hourly Load Profiles From Time-of-Use Electricity Bills	Machine Learning
20	Detecting mental Disorders in social media through Emotional patterns-The case of Anorexia and Depressions	Machine Learning
21	Detection of iron deficiency anemia by medical images: a comparative study of machine learning algorithms	Machine Learning
22	Heart disease risk prediction using deep learning techniques with feature augmentation	Machine Learning
23	A Hand-Gesture Recognition System Using Image Processing to Translate Indian Sign Language Alphabets to Text	Image Processing
24	Regional-Attentive Multi-Task Learning Framework for Breast Ultrasound Image Segmentation and Classification	Image Processing
25	Ventral and Dorsal Stream EEG Channels: Key Features for EEG-Based Object	Signal Processing
26	Cup Of Cafe Ordering Portal	Application
27	IncepV3Dense: Deep Ensemble Based Average Learning Strategy for Identification of Micro-Nutrient Deficiency in Banana Crop	Image Processing
28	An Improved DenseNet Deep Neural Network Model for Tuberculosis Detection Using Chest X-Ray Images	Image Processing
29	Human Detection in Night Time Using CNN-LSTM	Image Processing
30	Detection of fake products using blockchain technology	Blockchain
31	Fogsafe iot-Enabled Vehicle-to-Vehicle Communication System for Enhanced Visibility and Safety in Low-Visibility Conditions	Communication
32	Food Recognition and Calorie Estimation using Image Processing	Image Processing
33	ECRNet: Hybrid Network for Skin Cancer Identification	Image Processing
34	Gamified AI Approach for Early Detection of Dementia	Image Processing
35	Image-based screening of oral cancer via deep ensemble architecture	Image Processing
36	Machine Learning for Predicting Employee Attrition	Machine Learning

## Project Titles list Python

37	An End-to-End Deep Learning Model for EEG-Based Major Depressive Disorder Classification	Signal Processing
38	Study on recognition and classification of English accents using deep learning algorithms	Deep Learning
39	Flood Detection with SAR: A Review of Techniques and Datasets	Image Processing
40	Retinal Disease Detection Using Deep Learning Techniques: A Comprehensive Review	Image Processing
41	Medicinal Plant Identification using yolov8	Image Processing
42	Thief detection with deep learning	Image Processing
43	Locally Directional and Extremal Pattern for Texture Classification	Image Processing
44	A data based on enhanced version of the aes and ecc hybrid encryption technique	Cloud Computing
45	Trade ease with machine learning and AWS	Cloud Computing
46	Attendance management system using face recognition for employees	Image Processing
47	Enhancing road safety through Blink Detection	Image Processing
48	Smart baby monitoring system using yolov8 algorithm	Image Processing
49	Random GAN and conventional GAN Image Reconstruction	Image Processing
50	Convolution Neural Network With Coordinate Attention for the Automatic Detection of Pulmonary Tuberculosis Images on ChestX-Rays	Image Processing
51	DarkDetect: Darknet Traffic Detection and Categorization Using Modified Convolution-Long Short-Term Memory	Image Processing
52	Regenerating vital facial keypoints for impostor identification from disguised Images using CNN	Image Processing
53	Climate change visualization using machine learning	Machine Learning

## Project Titles list Python

54	An Improved Design for a Cloud Intrusion Detection System Using Hybrid Features Selection Approach With ML Classifier	Machine Learning
55	Vision-Based Traffic Accident Detection and Anticipation: A Survey	Video Processing
56	An AI-Based Medical Chatbot Model for Infectious Disease Prediction	Machine Learning
57	Human Fall Detection Based on Re-Parameterization and Feature Enhancement	Image Processing
58	Multi-Scale Aggregation Residual Channel Attention Fusion Network for Single Image Deraining	Image Processing
59	An Improved YOLOv8 Algorithm for Rail Surface Defect Detection	Image Processing
60	Self-Assured Deep Learning With Minimum Pre-Labeled Data for Wafer Pattern Classification	Deep Learning
61	Color Correction Based on CFA and Enhancement Based on Retinex With Dense Pixels for Underwater Images	Image Processing
62	Deep Learning for the Detection of Acute Lymphoblastic Leukemia Subtypes on Microscopic Images: A Systematic Literature Review	Image Processing
63	SurroundNet: Towards Effective Low-Light Image Enhancement	Image Processing
64	Parallelization of Image Processing Algorithms for Increased Speedup	Image Processing
65	Sugar Cane Leaf Disease Classification And Identification Using Deep Machine Learning Algorithms	Image Processing
66	Deep Attention Network for Pneumonia Detection Using Chest X-Ray Images	Image Processing
67	Skeletal Fracture Detection with Deep Learning: A Comprehensive Review	Image Processing
68	Performance Assessment of the Machine Learning Algorithms for First Inning Score Prediction in Cricket	Machine Learning
69	Optimizing Sentiment Analysis in Hindi Poetry: A Hybrid Model Unifying Deep Learning, Machine Learning, and Metaheuristic Techniques	Machine Learning
70	Multimodal Finger Recognition Based on Asymmetric Networks With Fused Similarity	Image Processing
71	A Non-Reference Evaluation of Underwater Image Enhancement Methods Using a New Underwater Image Dataset	Image Processing

## Project Titles list Python

72	Quantized_autoencoder_QAE_intrusion_detection_system	Cybersec urity
73	Mark entry system in excel using speech	Machine Learning
74	Multi-Model Biometric using Voice and Face Authentication	Image Processi ng
75	Deep Learning Neural Network for Lung Cancer Classification: Enhanced Optimization Function	Image Processi ng
76	Plastic waste management for sustainable environment: techniques and approaches	Image Processi ng
77	Enhancing Essential Grains Yield for Sustainable Food Security and Bio-Safe Agriculture through Latest Innovative Approaches	Machine Learning
78	SQL Injection Attack Detection Using Machine Learning Algorithm	Machine Learning
79	Algorithmic control and gig workers: a legitimacy perspective of Uber drivers	Machine Learning
80	TRacer: Scalable Graph-based Transaction Tracing for Account-based Blockchain Trading Systems	Block Chain
81	An Automatic recognition system of fake Indian currency notes detection using Image processing analysis	Image Processi ng
82	Multimodal job interview simulator for training of autistic individuals	Image Processi ng
83	Comprehensive Exploration and Performance Assessment of SDN Controller	Cybersec urity
84	An Innovative Approach to Cardiovascular Disease Prediction: A Hybrid Deep Learning Model	Deep Learning
85	Soft Delivery: Survey on a New Paradigm for Wireless and Mobile Multimedia Streaming	Commun ication
86	Automated Lip Reading to Predict Visemes using MultimodalConvolutional Neural Network with Audio-Visual FeaturesLanguage	Audio Processi ng
87	The Application of Digital Technologies and Artificial Intelligence in Healthcare: An Overview on Nutrition Assessment	Machine Learning
88	Impact of Screen Time on Children's Development: Cognitive, Language, Physical, and Social and Emotional Domains	Machine Learning
89	Missing Child Identification System using Deep Learning and Multiclass SVM	Image Processi ng
90	5G Multi-Access Edge Computing: A Survey on Security, Dependability, and Performance	Cybersec urity
91	Textural Analysis for Medicinal PlantsIdentification Using Log Gabor Filters	Image Processi ng

## Project Titles list Python

92	Robot-Assisted Language Learning: Integrating Artificial Intelligence and Virtual Reality into English Tour Guide Practice	Machine Learning
93	Deepfake detection on social media leveraging deep learning and fast text embedding for Identifying machine generated tweet	Machine Learning
94	Credit Card Transactions Fraud Detection for Multiple Consumer Behaviors	Machine Learning
95	An AI-Driven VM Threat Prediction Model for Multi-Risks Analysis	Cybersecurity
96	Fruit Grading, Disease Detection, and an Image Processing Strategy	Image Processing
97	Dynamic cerebral autoregulation during step-wise increases in blood pressure during anaesthesia	Machine Learning
98	Sustainable Development of Information Dissemination: A Review of Current Fake News Detection Research and Practice	Machine Learning
99	Enhancing Travel Decision-Making: A Contrastive Learning Approach for Personalized Review Rankings in Accommodations	Machine Learning
100	An optimization of color halftone visual cryptography scheme based on Bat algorithm	Image Processing
101	An Efficient Android-Based Multimodal Biometric Authentication System With Face and Voice	Image Processing
102	Deep Learning Methods for Lung Cancer Segmentation in Whole-Slide Histopathology Images	Image Processing
103	Continuous-Time Batch Estimation using Temporal Basis Functions	Machine Learning
104	Analysis of Fruit Images With Deep Learning: A Systematic Literature Review and Future Directions	Image Processing
105	A New Image Encryption Algorithm for Grey and Color Medical Images	Image Processing
106	FarmBot Nexus	Machine Learning
107	Vehicle and Plate Detection for Intelligent Transport Systems: Performance Evaluation of Models YOLOv5 and YOLOv8	Image Processing
108	Expense Genie	Application
109	A Deep Analysis of Brain Tumor Detection from MR Images Using Deep Learning Networks	Image Processing
110	Research on Data Sharing of Water Conservancy Informatization Based on Data Mining and Cloud Computing	Cloud Computing
111	An Advanced Approach for Detecting Behavior-Based Intranet Attacks by Machine Learning	Cybersecurity

## Project Titles list Python

11 2	A Survey on Deep Hashing Methods	Image Processi ng
11 3	Cloud-based disaster management architecture using hybrid machine learning approach in IoT	Image Processi ng
11 4	Movie Review System	Applicati on
11 5	AI based elderly fall prediction system using wearable sensors: A smart home-care technology with IOT	IoT & ML
11 6	Towards an Interdisciplinary Development of IoT-Enhanced Business Processes	Machine Learning
11 7	The Comparison of Machine Learning Algorithms to Find the Career path	Machine Learning
11 8	Big Data Privacy Preservation Using Principal Component Analysis and Random Projection in Healthcare	Machine Learning
11 9	HICL: Hashtag-Driven In-Context Learning for Social Media Natural Language Understanding	Machine Learning
12 0	ZipZap: Efficient Training of Language Models for Large-Scale Fraud Detection on Blockchain	Block Chain
12 1	Movie Recommendation System Using Hybrid Model	Machine Learning
12 2	FishNet: A Large-scale Dataset and Benchmark for Fish Recognition, Detection, and Functional Trait Prediction	Image Processi ng
12 3	Chronic Kidney Disease Prediction Using Machine Learning	Image Processi ng
12 4	A stacked ensemble model for automatic stroke prediction using only raw electrocardiogram	Image Processi ng
12 5	Deep Learning applied to Road Accident Detection with Transfer Learning and Synthetic Images	Image Processi ng
12 6	Innovative Marketplace for Bids	Applicati on
12 7	CAR POOLING SYSTEM	Applicati on
12 8	Smart home energy management systems: Research challenges and survey	Applicati on
12 9	An efficient Recommendation of User Whishlist using AI	Applicati on
13 0	Smart Finder : A spam detection method in messages using AI	Applicati on
13 1	Control Me : Voice Assistance for System Controls	Applicati on
13 2	Digit Recognition Using AI	Applicati on

## Project Titles list Python

133	A Prior Forecasting of Stock Market Range using Ai method in recent trends	Application
134	A Collaborative AI and ML technique to predict good quality product and recommend to user	Application
135	Advance AI based Robot Navigation in MAZE detection	Application
136	Ai enhanced Marketing and Sales Analytics for future prediction	Application
137	AI face Enhancer	Application
138	AI Driven Battery Management and optimization technique	Application
139	Spam Email Detector using Artificial Intelligence	Application
140	Real-time Translation Tool	Application
141	Sentiment Analysis of Social Media Using Artificial Intelligence	Application
142	Artificial Intelligence Based Language Translation Platform	Application
143	Artificial Intelligence Based Customer Churn Prediction Model for Business Market	Application
144	Bid Bazaar using Django	Application
145	Streamlining ID card Generation and Management with Django	Application
146	Django-Parking Management System using yolo	Application
147	Ride Rentals using Django	Application
148	Customer Relationship Management by Sentiment Analysis in AI technology	Application
149	Role of AI in regulaing the time table scheduling	Application
150	Step into Success - A Student performance analysis for future scope	Application
151	Mood Swing Analysis using Artificial Analysis	Application
152	Beauty Sketchy – Sketch making Flask App	Application
153	URL Shortener using Flask and Phising Attack Detection	Application
154	Flipkart Reviews extraction and sentiment analysis with Flask app	Application
155	IPL Score Prediction with Flask app	Application
156	SBERT : Sentence-BERT for text summarization	Application



## Project Titles list Python

157	On Road Vehicle Breakdown Assistance Finder	Application
158	OSTR : Online Survey Tool and Review	Application
159	Artificial Intelligence assisted Stock Management System	Application
160	Equip Yourself : Expense Tracker	Application
161	E-learning Platform	Application
162	Price Negotiator Ecommerce ChatBot System	Application
163	A Colorectal Coordinate-Driven Method for Colorectum and Colorectal Cancer Segmentation in Conventional CT Scans	Image Processing
164	Ultrasound Nodule Segmentation Using Asymmetric Learning with Simple Clinical Annotation	Image Processing
165	Joint Learning of Blind Super-Resolution and Crack Segmentation for Realistic Degraded Images	Image Processing
166	Light-weight Retinal Layer Segmentation with Global Reasoning	Image Processing
167	BoNuS: Boundary Mining for Nuclei Segmentation with Partial Point Labels	Image Processing
168	From Canteen Food to Daily Meals: Generalizing Food Recognition to More Practical Scenarios	Image Processing
169	Harvard Glaucoma Fairness: A Retinal Nerve Disease Dataset for Fairness Learning and Fair Identity Normalization	Image Processing
170	Toward Robust and Unconstrained Full Range of Rotation Head Pose Estimation	Image Processing
171	Exploring Deep Learning and Machine Learning Approaches for Brain Hemorrhage Detection	Image Processing
172	A Deep Quantum Convolutional Neural Network Based Facial Expression Recognition For Mental Health Analysis	Image Processing
173	A Novel Grading Biomarker for the Prediction of Conversion from Mild Cognitive Impairment to Alzheimer's Disease	Image Processing
174	Anomaly Detection for Medical Images Using Teacher–Student Model With Skip Connections Mingxuan Liu and Multiscale Anomaly Consistency	Image Processing
175	Deep Ensemble Learning With Pruning for DDoS Attack Detection in IoT Networks	Cybersecurity

## Project Titles list Python

176	TIME-SERIES FAILURE PREDICTION ON SMALL DATASET USING MACHINE LEARNING	Machine Learning
177	Incremental Adversarial Learning for Polymorphic Attack Detection	Cybersecurity
178	On the Privacy Effect of Data Enhancement via the Lens of Memorization	Cybersecurity
179	Application of Quantum Recurrent Neural Network in Low-Resource Language Text Classification	Deep Learning
180	An_Introduction_to_Adversarially_Robust_Deep_Learning	Deep Learning
181	Safeguarding Patient Data Sharing Blockchain-Enabled Federated Learning in Medical Diagnostics	Block Chain
182	Flipkart Reviews extraction and sentiment analysis with Flask app	Application
183	Automating VPN Configuration in Computer Networks	Application
184	Beauty Sketchy – Sketch making Flask App	Application
185	A Novel Recommendation Algorithm Integrates Resource Allocation and Resource Transfer in Weighted Bipartite Network	Communication
186	A taste of Tea - Customer Review and product recommendation in Web APP	Application
187	Suspicious content detection using ml	Machine Learning
188	A Hybrid Air Quality Prediction Model Based on Empirical Mode Decomposition	Machine Learning
189	Tractor Detection and Load Classification	Image Processing
190	Online Question Paper Generation	Application
191	Multitask and Transfer Learning Approach for Joint Classification and Severity Estimation of Dysphonia	Audio Processing
192	Mean-Weighted Collaborative Representation-Based Spatial-Spectral Joint Classification for Hyperspectral Images	Image Processing
193	Breast cancer detection using novel machine learning	Image Processing
194	Stress level should be predict in graph and text format	Application
195	Harnessing Real-World Bug Hunting Techniques for Advanced Real-Time Threat Detection and Prevention	Cybersecurity
196	Ai enhanced Marketing and Sales Analytics for future prediction	Application
197	Mood Swing Analysis using Artificial Intelligence	Application

## Project Titles list Python

198	Classification of Tolerances in Permanent Magnet Synchronous Machines With Machine Learning	Machine Learning
199	A Cost-Sensitive Machine Learning Model With Multitask Learning for Intrusion Detection in IoT	Cybersecurity
200	An IoMT-Based Incremental Learning Framework With a Novel Feature Selection Algorithm for Intelligent Diagnosis in Smart Healthcare	Machine Learning
201	Machine Predictive Maintenance Classification	Machine Learning
202	Telegram based Chatbot and Image Retrieval	Application
203	Hybrid Neural Network-Based Fading Channel Prediction for Link Adaptation	Communication
204	LSFuseNet Dual-Fusion of Landsat-8 and Sentinel-2 Multispectral Time Series for Permutation Invariant Applications	Image Processing
205	EEG Based Deep Learning Prediction	Deep Learning
206	Hybrid Optimization Algorithm for Detection of Security Attacks In Iot-Enabled Cyberphysical Systems using Cloud Computing	Cloud Computing
207	Blockchain Based E-Voting System	Blockchain
208	Cloud Detection and Tracking for geostationary satellites Image	Image Processing
209	Cloud Computing for a Secure Smart City Beyond 5G	Cloud Computing
210	Exploring the Quality of Service Impacts of Cloud Computing over Wireless Networks	Cloud Computing
211	A Fast and Secured Vehicle-to-Vehicle Energy Trading Based on Blockchain Consensus in the Internet of Electric Vehicles	Blockchain
212	Printed Circuit Board Defect Detection Methods Based on Image Processing, Machine Learning and Deep Learning	Image Processing
213	Leveraging Blockchain to Combat Poisoning Attacks in Federated Learning through a Hybrid CNN and LSTM Algorithm	Cybersecurity
214	Music tracking using weightless neural networking Method	Machine Learning
215	Audio frequency generator and response analyze	Audio Processing
216	Real-Time Detection Schemes for Memory DoS (M-DoS) Attacks on Cloud Computing Applications	Cybersecurity
217	EchoBot A Chatbot for Object Detection and Navigation	Application
218	Synthetic Data Generation Using Generative AI based on LLM Model	Machine Learning

## Project Titles list Python

219	Image To Text Generation Image Caption Generator using LLM Model	Image Processing
220	A Lesion-Based Diabetic Retinopathy Detection Through Hybrid Deep Learning Model	Image Processing
221	Mouse Cursor Control Using Eye Movements	Image Processing
222	Classification of IRIS Dataset using Classification Based KNN Algorithm in Supervised Learning	Image Processing
223	Remote Sensing Image Retrieval by Deep Attention Hashing With Distance-Adaptive Ranking	Image Processing
224	DiffMDD_A_Diffusion-Based_Deep_Learning_Framework_for_MDD_Diagnosis_Using_EEG	Deep Learning
225	Classifying Routine Clinical Electroencephalograms With Multivariate Iterative Filtering and Convolutional Neural Networks	Deep Learning
226	A Multi-Modal Classification Method for Early Diagnosis of Mild Cognitive Impairment and Alzheimer's Disease Using Three Paradigms With Various Task Difficulties	Deep Learning
227	A Colorectal Coordinate-Driven Method for Colorectum and Colorectal Cancer Segmentation in Conventional CT Scans	Image Processing
228	Automatic Accident Detection, Segmentation and Duration Prediction Using Machine Learning	Image Processing
229	Streamlining ID card Generation and Management with Django	Application
230	Vehicle Detection Based on Adaptive Multimodal Feature Fusion and Cross-Modal Vehicle Index Using RGB-T Images	Image Processing
231	A build in quality report maintenance using block chain	Block Chain
232	DARD: Deceptive Approaches for Robust Defense Against IP Theft	Cybersecurity
233	On Road Vehicle Breakdown Assistance Finder	Application
234	Zero Shot Aspect-Based Sentiment Analysis A Guide	Machine Learning
235	Learning Near-Optimal Intrusion Responses Against Dynamic Attackers	Cybersecurity
236	Django-Parking Management System using yolo	Application
237	Artificial Intelligence Based Customer Churn Prediction Model for Business Market	Application
238	Physiologic Network-Based Brain-Heart Interaction Quantification During Visual Emotional Elicitation	Image Processing

## Project Titles list Python

23 9	step into Success - A Student performance analysis for future scope	Applicati on
24 0	Equip Yourself : Expense Tracker	Applicati on
24 1	Harvard Glaucoma Fairness: A Retinal Nerve Disease Dataset for Fairness Learning and Fair Identity Normalization	Image Processi ng
24 2	Toward Robust and Unconstrained Full Range of Rotation Head Pose Estimation	Image Processi ng
24 3	Conventional to Deep Ensemble Methods for Hyperspectral Image Classification: A Comprehensive Survey	Image Processi ng
24 4	Sentiment Analysis of Social Media Using Artificial Intelligence	Applicati on
24 5	AI Driven Battery Management and optimization technique	Applicati on
24 6	Fraud detection Using ML	Machine Learning
24 7	IPL Score Prediction with Flask app	Applicati on
24 8	Multi-Modal Sleep Stage Classification With Two-Stream Encoder-Decoder	Deep Learning
24 9	Mango Leaf Disease Prediction Using Deep Learning	Image Processi ng
25 0	Road Lane Detection Using AI	Image Processi ng