

## PYTHON PROJECTS TITLES – 2021 -2022

S.NO	PYTHON Titles
1	Machine Learning Approach to Study the Impact of Obesity on Autonomic Nervous System using Heart Rate Variability Features
2	Correlation analysis of financial indicators and stock price fluctuations based on artificial intelligence system
3	A Comprehensive Study of Machine Learning algorithms for Predicting Car Purchase Based on Customers Demands
4	Comparative Study to Identify the Heart Disease Using Machine Learning Algorithms
5	Hybrid CNN-LSTM Model with GloVe Word Vector for Sentiment Analysis on Football Specific Tweets
6	Pneumonia Detection Using Deep Learning Based on Convolutional Neural Network
7	Intelligent Crop Recommendation System using Machine Learning
8	Deep Learning for Human Action Recognition
9	Enhanced Dermatoscopic Skin Lesion Classification using Machine Learning Techniques
10	Classification of diabetic walking through machine learning: Survey targeting senior citizens
11	Comparative Analysis of Machine Learning Algorithm to Forecast Indian Stock Market
12	A hybrid deep transfer learning model with machine learning methods for face mask detection in the era of the COVID-19 pandemic
13	Real time-Employee Emotion Detection system (RtEED) using Machine Learning
14	Classification of Digital Dental X-ray Images Using Machine Learning
15	Leveraging Natural Language Processing Algorithms to Understand the Impact of the COVID-19 Pandemic and Related Policies on Public Sentiment in India
16	Dynamic Churn Prediction using Machine Learning Algorithms - Predict your customer through customer behavior
17	Analysis of Performance of Machine Learning Algorithms in Detection of Flowers
18	Image Recognition Using Artificial Intelligence
19	Prediction Of Thyroid Disease(Hypothyroid) In Early Stage Using Feature Selection And Classification Techniques
20	Image Captioning using Convolutional Neural Networks and Recurrent Neural Network
21	Sentiment Analysis on Food Review using Machine Learning Approach
22	Land Resource Management Information Platform Based on Artificial Intelligence Technology
23	International Stock Index Prediction Using Artificial Neural Network (ANN) and Python Programming
24	Role of Artificial Intelligence in Logistics and Supply Chain
25	Supervised and Unsupervised Machine Learning based Review on Diabetes Care

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26	Hybrid Machine Learning Classification Technique for Improve Accuracy of Heart Disease
27	Prediction of Parkinson’s disease and severity of the disease using Machine Learning and Deep Learning algorithm
28	Divorce case prediction using Machine learning algorithms
29	Prediction of Hepatitis Disease Using K-Nearest Neighbors, Naive Bayes, Support Vector Machine, Multi-Layer Perceptron and Random Forest
30	e-Health Monitoring System with Diet and Fitness Recommendation using Machine Learning
31	Machine Learning Application for Black Friday Sales Prediction Framework
32	Analysis of risk factors in the Firework Industries: Using Decision Tree Classifier
33	Automated Food image Classification using Deep Learning approach
34	Driver Drowsiness Monitoring using Convolutional Neural Networks
35	Prediction Probability of Getting an Admission into a University using Machine Learning
36	Decision Tree Model for Email Classification
37	Sentiments Detection for Amazon Product Review
38	Novel Supervised Machine Learning Classification Technique for Improve Accuracy of Multi-Valued Datasets in Agriculture
39	Integrated Churn Prediction and Customer Segmentation Framework for Telco Business
40	Research on Gender Prediction for Social Media User Profiling by machine learning method

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Sl.No	<u>Django</u>	<u>Year</u>
	<u>MACHINE LEARNING(ML)</u>	
1	<b>Driver Drowsiness Classification Based on Eye Blink and Head Movement Features Using the k-NN Algorithm</b>	2021
2	<b>A Spam Transformer Model for SMS Spam Detection</b>	2021
3	<b>Mitigating COVID-19 Transmission in Schools With Digital Contact Tracing</b>	2021
4	<b>A Holistic Framework for Crime Prevention, Response, and Analysis with Emphasis on Women Safety using Technology and Societal Participation</b>	2021
5	<b>Predicting the Impact of Disruptions to Urban Rail Transit Systems</b>	2021
6	<b>Predicting Bus Passenger Flow and Prioritizing Influential Factors Using Multi-Source Data: Scaled Stacking Gradient Boosting Decision Trees</b>	2021
7	<b>Disaster Intensity Based Selection of Training Samples for Remote Sensing Building Damage Classification</b>	2021
8	<b>Drug Recommendation System based on Sentiment Analysis of Drug Reviews using Machine Learning</b>	2021
9	<b>Construct Food Safety Traceability System for Peoples Health Under the Internet of Things and Big Data</b>	2021
10	<b>An Efficient Privacy-Preserving Credit Score System Based on Non interactive Zero-Knowledge Proof</b>	2021
11	<b>MyWear: A Novel Smart Garment for Automatic Continuous Vital Monitoring</b>	2021
12	<b>Hate Classify: A Service Framework for Hate Speech Identification on Social Media</b>	2021
13	<b>WELFake Word Embedding Over Linguistic Features for Fake News Detection</b>	2021
14	<b>COVIDSenti: A Large-Scale Benchmark Twitter Data Set for COVID-19 Sentiment Analysis</b>	2021
15	<b>Fraud Detection in Online Product Review Systems via Heterogeneous Graph Transformer</b>	2021

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16	<b>Predicting at-Risk Students at Different Percentages of Course Length for Early Intervention Using Machine Learning Models</b>	2021
17	<b>Internet Financial Fraud Detection based on a Distributed Big Data Approach with Node2vec</b>	2021
18	<b>DeprNet: A Deep Convolution Neural Network Framework for Detecting Depression Using EEG</b>	2021
19	<b>Epidemic Spreading in a Social Network with Facial Masks wearing Individuals</b>	2021
20	<b>A Road Accident Prediction Model Using Data Mining Techniques ---</b>	2021
21	<b>A Systematic Review of Predicting Elections Based on Social Media Data</b>	2021
22	<b>Agricultural Crop Recommendations based on Productivity and Season</b>	2021
23	<b>Chronic Kidney Disease Stage Identification in HIV Infected Patients using Machine Learning</b>	2021
24	<b>Crop Recommender System Using Machine Learning Approach</b>	2021
25	<b>Detecting Fake Reviews Using Multidimensional Representations With Fine-Grained Aspects Plan</b>	2021
26	<b>Detection of Cyberbullying on Social Media Using Machine learning</b>	2021
27	<b>Diabetes Disease Prediction Using Machine Learning Algorithms</b>	2021
28	<b>Emotion Recognition by Textual Tweets Classification Using Voting Classifier (LR-SGD)</b>	2021
29	<b>Crime Type and Occurrence Prediction Using Machine Learning Algorithm</b>	2021
30	<b>Machine Learning Based Heart Disease Prediction System</b>	2021
31	<b>Naïve Bayes Classifier for Predicting the Novel Coronavirus</b>	2021
32	<b>A Student Attendance Management Method Based on Crowd sensing in Classroom Environment</b>	2021
33	<b>Predictive Analysis for Big Mart Sales Using Machine Learning Algorithms</b>	
34	<b>A Comparative Study on Fake Job Post Prediction Using Different Data mining Techniques ----</b>	
35	<b>T-CREo: A Twitter Credibility Analysis Framework</b>	2021
36	<b>Tweet Based Bot Detection Using Big Data</b>	2021

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37	<b>Effect of E-Learning on Public Health and Environment During COVID-19 Lockdown</b>	2021
38	<b>Mining Fraudsters and Fraudulent Strategies in Large-Scale Mobile Social Networks</b>	2021
39	<b>Cyber Threat Predictive Analytics for Improving Cyber Supply Chain Security</b>	2021
40	<b>Suicidal Ideation Detection: A Review of Machine Learning Methods and Applications</b>	2021
41	<b>Exploring Machine Learning Algorithms to Find the Best Features for Predicting Modes of Childbirth</b>	2021
42	<b>A Novel Approach for Credit Card Fraud Detection using Decision Tree and Random Forest Algorithms</b>	2021
43	<b>Prediction of Modernized Loan Approval System Based on Machine Learning Approach</b>	
44	<b>Primary Stage of Diabetes Prediction using Machine Learning Approaches</b>	
45	<b>Hybrid Transfer Learning and Broad Learning System for Wearing Mask Detection In the COVID-19 Era</b>	
46	<b>A Study on a car Insurance purchase Prediction Using Two-Class Logistic Regression and Two-Class Boosted Decision Tree</b>	
47	<b>An Efficient Spam Detection Technique for IoT Devices Using Machine Learning</b>	
48	<b>Toward Detection and Attribution of Cyber-Attacks in IoT-enabled Cyber-physical Systems</b>	
49	<b>Sentiment Analysis of Lockdown in India During COVID19 A Case Study</b>	
50	<b>Detecting Mental Disorders in Social Media Through Emotional Patterns The case of Anorexia</b>	
51	<b>BullyNet: Unmasking Cyberbullies on Social Networks</b>	
52	<b>A Novel Web Attack Detection System for Internet of Things via Ensemble Classification</b>	
53	<b>Efficient and Privacy-Preserving Decision Tree Classification for Health Monitoring Systems</b>	
54	<b>Detecting malicious COVID-19 URLs using machine learning techniques</b>	

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55	<b>Social Engineering in Cybersecurity Effect Mechanisms, Human Vulnerabilities and Attack Methods</b>	
56	<b>Phishing Website Detection using Machine Learning Algorithms</b>	
	<b><u>DEEP LEARNING</u></b>	
57	<b>A Deep Learning Approach for Robust Detection of Bots in Twitter using Transformers</b>	2021
58	<b>Deep Learning Anti-Fraud Model for Internet Loan: Where We Are Going</b>	2021
59	<b>Hotel review analysis for the prediction of business using deep learning approach</b>	2021
	<b><u>SOCIAL NETWORKS</u></b>	
60	<b>Social Media and Misleading Information in a Democracy: A Mechanism Design Approach</b>	2021
61	<b>Personality-aware Product Recommendation System based on User Interests Mining and Meta-path Discovery</b>	2021
		2021
	<b><u>DATA MINING</u></b>	2021
62	<b>Popularity Prediction for Single Tweet based on Heterogeneous Bass Model</b>	2021
		2021

### **M.Tech / B.Tech List**

Project Id	Title
Msr-Mipy-2100	Fake detector Effective Fake News Detection With Deep Diffusive Neural Network
Msr-Mipy-2101	Stress Detection In It Professionals By Image Processing And Machine Learning
Msr-Mipy-2102	Transfer Learning For Recognizing Face In Disguise
Msr-Mipy-2103	Application Research Of Text Classification Based On Random Forest Algorithm
Msr-Mipy-2104	Checking Security Properties Of Cloud Service Rest Apis

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Msr-Mipy-2105	Behaviour Analysis For Mentally Affected People
Msr-Mipy-2106	Filtering Instagram Hashtags Through Crowdtagging And The Hits Algorithm
Msr-Mipy-2107	A Hybrid Cloud Approach For Secure Authorized Deduplication
Msr-Mipy-2108	An Examination System Automation Using Natural Language Processing
Msr-Mipy-2109	Applications Of Machine Learning In The Field Of Medical Care
Msr-Mipy-2110	Interpretable Machine Learning In Healthcare Through Generalized Additive Model With Pairwise Interactions (Ga2m): Predicting Severe Retinopathy Of Prematurity*
Msr-Mipy-2111	Analysis And Prediction Of Cardio Vascular Disease Using Machine Learning Classifiers
Msr-Mipy-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-Mipy-2113	Building Search Engine Using Machine Learning Technique
Msr-Mipy-2114	School-Enterprise Cooperation On Python Data Analysis Teaching
Msr-Mipy-2115	A Study Of Blockchain Technology In Farmer's Portal
Msr-Mipy-2116	Improving Lives Of Indebted Farmers Using Deep Learning
Msr-Mipy-2117	Content Analysis Of Messages In Social Networks, Identification Of Suicidal Types
Msr-Mipy-2118	Artificial Intelligence In Prediction Of Postmortem Interval (Pmi) Through Blood Biomarkers In Forensic Examination-A Concept

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Msr-Mipy-2119	Crop Yield Prediction Using Machine Learning Techniques
Msr-Mipy-2120	Text Classification On Twitter Data
Msr-Mipy-2121	Automated Machine Learning: The New Wave Of Machine Learning
Msr-Mipy-2122	Predicting Covid-19 In China Using Hybrid Ai Model
Msr-Mipy-2123	Scalable Analytics Platform For Machine Learning In Smart Production Systems
Msr-Mipy-2124	An Application Of A Deep Learning Algorithm For Automatic Detection Of Unexpected Accidents Under Bad Cctv Monitoring Conditions In Tunnels
Msr-Mipy-2125	Alzheimer Disease Prediction Using Machine Learning Algorithms
Msr-Mipy-2126	End-To-End Conversion Speed Analysis Of An Fpt.Ai-Based Text-To-Speech Application
Msr-Mipy-2127	A Corona Recognition Method Based On Visible Light Color And Machine Learning
Msr-Mipy-2128	Location Prediction On Twitter Using Machine Learning Techniques
Msr-Mipy-2129	Machine Learning For Web Vulnerability Detection: The Case Of Cross-Site Request Forgery
Msr-Mipy-2130	Artificial Intelligence And Covid-19 Deep Learning Approaches For Diagnosis And Treatment
Msr-Mipy-2131	Generating Cloud Monitors From Models To Secure Clouds
Msr-Mipy-2132	Leveraging Cnn And Transfer Learning For Vision-Based Human Activity Recognition
Msr-Mipy-2133	B5g And Explainable Deep Learning Assisted Healthcare Vertical At The Edge Covid-19 Perspective
Msr-Mipy-2134	Cryptocurrency Price Analysis With Artificial Intelligence
Msr-Mipy-2135	Image-Based Plant Disease Detetction A Comparison Of Deep Learning And Classical
Msr-Mipy-2136	Predicting And Defining B2b Sales Success With Machine Learning
Msr-Mipy-2137	Design And Implementation Of Domestic News Collection System Based On Python
Msr-Mipy-2138	Data Analysis By Web Scraping Using Python

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Msr-Mipy-2139	A Lightweight Secure Data Sharing Scheme For Mobile Cloud Computing
Msr-Mipy-2140	A Supervised Machine Learning Algorithm For Heart-Rate Detection Using Doppler Motion-Sensing Radar
Msr-Mipy-2141	Accurate And Robust Video Saliency Detection Via Self-Paced Diffusion
Msr-Mipy-2142	Attribute-Based Cloud Data Integrity Auditing For Secure Outsourced Storage
Msr-Mipy-2143	Automatic Keyword And Sentence-Based Text Summarization For Software Bug Reports
Msr-Mipy-2144	News Text Summarization Based On Multi-Feature And Fuzzy Logic
Msr-Mipy-2145	Automated Machine Learning Approach For Smart Waste Management System
Msr-Mipy-2146	Digital Vehicle – License, Insurance And Rc Book Tracing For Police
Msr-Mipy-2147	Reviewer Credibility And Sentiment Analysis Based User Profile Modelling For Online Product Recommendation
Msr-Mipy-2148	Using Eo Satellite Data In Safe City And Coastal Zone Web-Gis
Msr-Mipy-2149	Rescue Wings: Web Computing And Active Services Support For Disaster Rescue
Msr-Mipy-2150	Traffic Sign Recognition By Combining Global And Local Features Based On Semi-Supervised Classification
Msr-Mipy-2151	Video Behavior Profiling For Anomaly Detection
Msr-Mipy-2152	Heart Disease Prediction Using Bio Inspired Algorithms
Msr-Mipy-2153	Securing Data With Blockchain And Ai
Msr-Mipy-2154	Intelligent Agent Based Job Search System In Web Environment
Msr-Mipy-2155	Automatic Traffic Sign Detection And Recognition Using Segu-Net And A Modified Tversky Loss Function With L1- Constraint
Msr-Mipy-2156	A Decision Tree Based Recommendation System For Tourists
Msr-Mipy-2157	Blockchain E-Voting Done Right: Privacy And Transparency With Public Blockchain
Msr-Mipy-2158	You Tube Spam Detection
Msr-Mipy-2159	Car Popularity Prediction
Msr-Mipy-2160	User Behavior Prediction Of Social Hotspots Based On Multi Message Interaction And Neural Network

## PYTHON PROJECTS TITLES – 2021 -2022

Msr-Mipy-2161	On The Personalization Of Classification Models For Human Activity Recognition
Msr-Mipy-2162	Detection Of Malicious Social Bots Using Learning Automata With Url Features In Twitter Network
Msr-Mipy-2163	Computer-Aided Diagnosis Of Chronic Kidney Disease In Developing Countries A Comparative Analysis Of Machine Learning Techniques
Msr-Mipy-2164	Bird Classification Using Binary Relevance Approach With Random Forest
Msr-Mipy-2165	Performance Analysis On Student Feedback Using Machine Learning Algorithms
Msr-Mipy-2166	Academic Performance Prediction Based On Multisource, Multi Feature Behavioral Data
Msr-Mipy-2167	Hdpm: An Effective Heart Disease Prediction Model For A Clinical Decision Support System
Msr-Mipy-2168	Machine Learning Based Suicide Ideation Prediction For Military Personnel
Msr-Mipy-2169	A Lightweight Convolutional Neural Network For Real-Time Facial Expression Detection
Msr-Mipy-2170	Diabetic Retinopathy Detection By Means Of Deep Learning
Msr-Mipy-2171	Melanoma Detection Using Convolutional Neural Network
Msr-Mipy-2172	Covidsenti: A Large-Scale Benchmark Twitter Data Set For Covid-19 Sentiment Analysis
Msr-Mipy-2173	Diabetes Disease Prediction Using Machine Learning Algorithms
Msr-Mipy-2174	Crime Type And Occurrence Prediction Using Machine Learning Algorithm
Msr-Mipy-2175	Image Caption Generator Using Cnn And Lstm
Msr-Mipy-2176	Lung Nodule Alignacy Classification Using Machine Learning
Msr-Mipy-2177	Predicting Flight Delays With Error Calculation Using Machine Learned Classifiers
Msr-Mipy-2178	Nse Stock Monitoring & Prediction Using Robotic Process Automation
Msr-Mipy-2179	Density Based Smart Traffic Control System Using Canny Edge Detection Algorithm For Congregating Traffic Information Using Ai
Msr-Mipy-2180	Deep Learning For Face Recognition Under Complex Illumination Conditions Based On Log-Gabor And Lb
Msr-Mipy-2181	Seer Cancer Incidence Using Machine Learning With Data Analysis

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## Python Major Projects Titles List 2022-2023

Msr-Mipy-2182	5g-Smart Diabetes Toward Personalized Diabetes Diagnosis With Healthcare Big Data Clouds
Msr-Mipy-2183	A Deep Learning Facial Expression Recognition Based Scoring System For Restaurants
Msr-Mipy-2184	A Machine Learning Model For Average Fuelconsumption In Heavy Vehicles
Msr-Mipy-2185	Bird Species Identification Using Deep Learning
Msr-Mipy-2186	Online Depression Detection Application
Msr-Mipy-2187	Drug-Disease-Prediction-Using-Machine-Learning
Msr-Mipy-2188	Link Prediction In Evolving Networks Base On Information Propagation
Msr-Mipy-2189	Weapon Detection Using Artificial Intelligence And Deep Learning For Security Applications
Msr-Mipy-2190	Missing Child Identification System Using Deep Learning And Multiclass Svm
Msr-Mipy-2191	Suspicious Activity Detection
Msr-Mipy-2192	Pregbot: A System Based On Ml And Nlp For Supporting Women And Families During Pregnancy
Msr-Mipy-2193	Movie Recommendation System Using Sentiment Analysis From Microblogging Data
Msr-Mipy-2194	Deep Learning Applications In Medical Image Analysis
Msr-Mipy-2195	Classifying Fake News Articles Using Natural Language Processing To Identify In-Article Attribution As A Supervised Learning Estimator
Msr-Mipy-2196	Real Time Object Detection Using Yolo Algorithm
Msr-Mipy-2197	Context Based Image Processing Using Machine Learning Approaches
Msr-Mipy-2198	Detecting Spam Email With Machine Learning Optimized With Bio- Inspired Metaheuristic Algorithms
Msr-Mipy-2199	Emotion Correlation Mining Through Deep Learning Models On Natural Language Text