PYTHON PROJECTS TITLES – 2021 -2022

<u>M.Tech / B.Tech List</u>

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
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

PYTHON PROJECTS TITLES – 2021 -2022

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 Congregrating 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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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

PYTHON PROJECTS TITLES – 2021 -2022

<u>B.Tech List</u>

1	Design And Implementation Of Domestic News Collection System Based On Python
2	Data Analysis By Web Scraping Using Python
3	Demystifying And Anticipating Graduate School Admissions Using Machine Learning Algorithms
4	Design And Implementation Of Domestic News Collection System Based On Python
5	Weakly-Supervised Deep Embedding For Product Review Sentiment Analysis
6	End-To-End Conversion Speed Analysis Of An Fpt.Ai-Based Text-To-Speech Application
7	A Corona Recognition Method Based On Visible Light Color And Machine Learning
8	Location Prediction On Twitter Using Machine Learning Techniques
9	Machine Learning For Web Vulnerability Detection: The Case Of Cross-Site Request Forgery
10	Artificial Intelligence And Covid-19 Deep Learning Approaches For Diagnosis And Treatment
11	Generating Cloud Monitors From Models To Secure Clouds
12	Leveraging Cnn And Transfer Learning For Vision-Based Human Activity Recognition
13	B5g And Explainable Deep Learning Assisted Healthcare Vertical At The Edge Covid-19 Perspective
14	Exploratory Data Analysis And Machine Learning On Titanic Disaster Dataset
15	Cryptocurrency Price Analysis With Artificial Intelligence
16	Image-Based Plant Disease Detetction A Comparison Of Deep Learning And Classical
17	Predicting And Defining B2b Sales Success With Machine Learning
18	Machine Learning Based Rainfall Predection
19	Predicting Covid-19 In China Using Hybrid Ai Model
20	Predicting Flight Delays With Error Calculation Using Machine Learned Classifiers
21	Scalable Analytics Platform For Machine Learning In Smart Production Systems
22	An Application Of A Deep Learning Algorithm For Automatic Detection Of Unexpected Accidents Under Bad Cctv Monitoring Conditions In Tunnels
23	Traffic Prediction For Intelligent Transportation System Using Machine Learning
24	Alzheimer Disease Prediction Using Machine Learning Algorithms
25	Artificial Intelligence In Prediction Of Postmortem Interval (Pmi) Through Blood Biomarkers In Forensic Examination-A Concept
26	Crop Yield Prediction Using Machine Learning Techniques
27	An Analysis Of Machine Learning Classifiers In Breast Cancer Diagnosis
28	A Survey On Machine Learning Techniques For The Diagnosis Of Liver Disease
29	Machine Learning For Web Vulnerability Detection: The Case Of Cross-Site Request Forgery
30	Text Classification On Twitter Data
31	Automated Machine Learning: The New Wave Of Machine Learning

32	When Dictionary Learning Meets Deep Learning: Deep Dictionary Learning And Coding Network For Image Recognition With Limited Data
33	Content Analysis Of Messages In Social Networks, Identification Of Suicidal Types
34	An Examination System Automation Using Natural Language Processing
35	Applications Of Machine Learning In The Field Of Medical Care
36	Interpretable Machine Learning In Healthcare Through Generalized Additive Model With Pairwise Interactions (Ga2m): Predicting Severe Retinopathy Of Prematurity*
37	Analysis And Prediction Of Cardio Vascular Disease Using Machine Learning Classifiers
38	Design Of Restaurant Billing System (E Bill Resto) By Applying Synchronization Of Data Billing In Branch Companies To Main Companies Based On Rest Api
39	Car Popularity Prediction: A Machine Learning Approach
40	Building Search Engine Using Machine Learning Technique
41	School-Enterprise Cooperation On Python Data Analysis Teaching
42	A Study Of Blockchain Technology In Farmer's Portal
43	Improving Lives Of Indebted Farmers Using Deep Learning
44	The Influence Of Artificial Intelligence Development On Patent Legislation
45	Prediction Of House Pricing Using Machine Learning With Python
46	Stress Detection In It Professionals By Image Processing And Machine Learning
47	Transfer Learning For Recognizing Face In Disguise
48	Application Research Of Text Classification Based On Random Forest Algorithm
49	Checking Security Properties Of Cloud Service Rest Apis
50	Heart Disease Prediction Using Machine Learning Algorithms

Mini Projects List

2019-20 Titles

Project Id	Title
Msr-Py-001	A User-Centric Machine Learning Framework For Cyber Security Operations Center
Msr-Py-002	Correlated Matrix Factorization For Recommendation With Implicit Feedback
Msr-Py-003	Review Of The Use Of Ai Techniques In Serious Games: Decision-Mamsrng And Machine
Msr-Py-004	Semi-Supervised Machine Learning Approach For Ddos Detection
Msr-Py-005	Weakly-Supervised Deep Embedding For Product Review Sentiment Analysis
Msr-Py-006	Personalized Affective Feedback To Address Students' Frustration In Its
Msr-Py-007	How Data-Driven Entrepreneur Analyzes Imperfect Information For Business Opportunity Evaluation
Msr-Py-008	Multi-Traffic Scene Perception Based On Supervised Learning
Msr-Py-009	Robust Malware Detection For Internet Of (Battlefield) Things Devices Using Deep Eigenspace Learning
Msr-Py-010	A Bi-Objective Hyper-Heuristic Support Vector Machines For Big Data Cyber-Security
Msr-Py-011	Modeling And Predicting Cyber Hacmsrng Breaches

PYTHON PROJECTS TITLES – 2021 -2022

Msr-Py-012	Price-Based Resource Allocation For Edge Computing: A Market Equilibrium Approach
Msr-Py-013	String Similarity Search: A Hash-Based Approach
Msr-Py-014	A Data Mining Based Model For Detection Of Fraudulent Behaviour In Water Consumption
Msr-Py-015	Data-Driven Design Of Fog Computing Aided Process Monitoring System For Large-Scale Industrial Processes
Msr-Py-016	Efficient Vertical Mining Of High Average-Utility Itemsets Based On Novel Upper-Bounds
Msr-Py-017	Designing Cyber Insurance Policies: The Role Of Pre-Screening And Security Interdependence
Msr-Py-018	Nonintrusive Smartphone User Verification Using Anonymized Multimodal Data
Msr-Py-019	Web Application For Community Question Answering
Msr-Py-020	Text Classification For Newsgroup Using Machine Learning
Msr-Py-021	Data Analytics Approach To The Cybercrime Underground Economy
Msr-Py-022	Image Based Appraisal Of Real Estate Properties
Msr-Py-023	Cloud-Based Multimedia Content Protection System
Msr-Py-024	Serendipitous Recommendation In E- Commerce Using Innovator –Based Collaborative Filtering
Msr-Py-025	Assessing The Effectiveness Of Riparian Restoration Projects Using Landsat And Precipitation Data From The Cloud-Computing Application
Msr-Py-026	Data Security Approach On Cyber Crime With Web Vulnerability
Msr-Py-027	Exploratory Visual Sequence Mining Based On Pattern-Growth
Msr-Py-028	Toward Better Statistical Validation Of Machine Learning-Based Multimedia Quality Estimators
Msr-Py-029	Rainfall Rate Prediction Based On Artificial Neural Networks For Rain Fade Mitigation Over Earth-Satellite Link
Msr-Py-030	Phishing Web Sites Features Classification Based On Machine Learning
Msr-Py-031	Predicting The Top-N Popular Videos Via A Cross-Domain Hybrid Model
Msr-Py-032	Applied Machine Learning Predictive Analytics To Sql Injection Attack Detection And Prevention
Msr-Py-033	A Multi-Task Learning Approach For Image Captioning
Msr-Py-034	Machine Learning And Deep Learning Methods For Cybersecurity
Msr-Py-035	Credit Card Fraud Detection Using Adaboost And Majority Voting
Msr-Py-036	Blockchain: A Game Changer For Securing Iot Data
Msr-Py-037	Object Visual Detection For Intelligent Vehicles
Msr-Py-038	Automatic Visual Features For Writer Identification A Deep Learning Approach
Msr-Py-039	Analysis Of Women Safety In Indian Cities Using Machine Learning On Tweets
Msr-Py-040	Phishing Email Detection Using Improved Rcnn Model With Multilevel Vectors And Attention Mechanism
Msr-Py-041	Urban Street Cleanliness Assessment Using Mobile Edge Computing And Deep Learning
Msr-Py-042	Characterizing And Predicting Early Reviewers For Effective Product Marketing On E-Commerce Websites
Msr-Py-043	Rich Short Text Conversation Using Semantic Key Controlled Sequence Generation
Msr-Py-044	Bag-Of-Discriminative-Words (Bodw) Representation Via Topic Modeling
Msr-Py-045	Finding Trustworthy Service Provider In Trusted Network
Msr-Py-046	Document Clustering Using Improved K-Means Algorithm
Msr-Py-047	Multifactor Opinion Mining And Intention Analysis For Business Intelligence

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Msr-Py-048	Sentiment Analysis System To Improve Teaching And Learning
Msr-Py-049	The Most Trending Articles Every Year Using Nlp Techniques
Msr-Py-050	Dynamic Fact Ordering For Factated Product Search Engines
Msr-Py-051	Frequent Itemsets Mining With Differential Privacy Over Large Scale Data
Msr-Py-052	Personalized Recommendation Of Social Images By Constructing A User Interest Tree With Deep Features And Tag Trees
Msr-Py-053	Audio Sentiment Analysis System
Msr-Py-054	A Fast Scene Text Detector Using Knowledge Distillation
Msr-Py-055	An Efficient Steganography Method Using Ad Pvd
Msr-Py-056	Recolored Image Detection Via A Deep Discriminative Model
Msr-Py-057	E-Assessment Using Image Processing
Msr-Py-058	Currency Recognition System Using Image Processing
Msr-Py-059	Classifying Depressed Users With Multiple Instance Learning From Social Network Data
Msr-Py-060	Selective Learning Confusion Class For Text-Based Captcha Recognition
Msr-Py-061	Accuracy Of Convolution Neural Networks For Classifying Sentiments On Movie Reviews
Msr-Py-062	Cnn Based Leaf Disease Identification And Remedy Recommendation System
Msr-Py-063	Hybrid Self-Organized Clustering Scheme For Drone Based Cognitive Internet Of Things
Msr-Py-064	Network Intrusion Detection For Iot Security Based On Learning Techniques
Msr-Py-065	To Identify Tree Species With Highly Similar Leaves Based On A Novel Attention Mechanism For Cnn
Msr-Py-066	A Detailed Investigation And Analysis Of Using Machine Learning Techniques For Intrusion Detection
Msr-Py-067	Prediction Of Heart Disease Using Machine Learning Algorithms
Msr-Py-068	Leveraging Unlabelled Data For Emotion Recognition With Enhanced Collaborative Semi-Supervised Learning
Msr-Py-069	Model For Handwritten Recognition Based On Artificial Intelligence
Msr-Py-070	Utilization-Aware Trip Advisor In Bike-Sharing Systems Based On User Behavior Analysis
Msr-Py-071	Breast Cancer Prediction
Msr-Py-072	Deep Clue: Visual Interpretation Of Text-Based Deep Stock Prediction
Msr-Py-073	Automating E-Government Services With Artificial Intelligence
Msr-Py-074	Exploring Trajectory Prediction Through Machinelearning Methods
Msr-Py-075	Enron Emails Using Machine Learning With Data Analysis
Msr-Py-076	Generating Wimsrpedia By Summarizing Long Sequences
Msr-Py-077	A Survey On Optical Character Recognition System
Msr-Py-078	5g-Smart Diabetes Toward Personalized Diabetes Diagnosis With Healthcare Big Data Clouds
Msr-Py-079	A Decision Tree Based Recommendation System For Tourists
Msr-Py-080	Video-Based Abnormal Driving Behaviourdetection Via Deep Learning Fusions
Msr-Py-081	A Machine Learning Model For Average Fuelconsumption In Heavy Vehicles
Msr-Py-082	Deep Learning Applications In Medical Image Analysis-Brain Tumor
Msr-Py-083	Human Activity Recognization
Msr-Py-084	Twiter Sentimantal Analysis
Msr-Py-085	Bird Species Identification Using Deep Learning
Msr-Py-086	Density Based Smart Traffic Control System Usingcanny Edge Detection Algorithm For Congregatingtraffic Information

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Msr-Py-087	Driver Drowsiness Monitoring System Using Visual Behaviour And Machine Learning
Msr-Py-088	Image Classification Using Cnn (Convolution Neural Networks) Algorithm
Msr-Py-089	Eye Ball Cursor Movement Using Opencv
Msr-Py-090	Coorting Of An Image
Msr-Py-091	Big Mart Sales
Msr-Py-092	Use Of Artificial Neural Networks To Identify Fakeprofiles
Msr-Py-093	A Deep Learning Facial Expression Recognition Based Scoring System For Restaurants
Msr-Py-094	Emotion Recognition On Twitter Using Unisol Model
Msr-Py-095	Network Intrusion Detection Using Supervisedmachine Learning Technique With Feature Selection
Msr-Py-096	Stock Market Trend Using Knn
Msr-Py-097	Sentiment Lexicon Constriuction With Hierarchical Supervision Topic Model
Msr-Py-098	Analysis Of Road Traffic Fatal Accidents Using Data Mining Techniques
Msr-Py-099	Analysis Of The Logistic Model For Accident Severity On Urban Road
Msr-Py-100	Estimating The Price Of Houses Using Machine Learning
Msr-Py-101	Liver Disease Prediction Using Svm And Naïve Bayes Algorithms
Msr-Py-102	Predicting The Strength Of The Concrete Pillars Used In Industrial Infrastructure
Msr-Py-103	Market Basket Analysis
Msr-Py-104	Wordcloud
Msr-Py-105	Weather Forecasting To Prevents A Natural Calamities