

Python IEEE Final Year Projects 2021 – 2022

Machine Learning Projects, Artificial Intelligence Projects, Deep Learning Projects for Final Year CSE, IT, Engineering, MCA, BCA, MS, M.Sc., M.Phil.,

Sl. No.	Project Code	Python Project Title	Domain	Algorithm / Model Used	Technology
1	MDPY2101	A Road Accident Prediction Model Using Data Mining Techniques	Machine Learning	Adaboost Classifier Algorithm	Python
2	MDPY2102	A Systematic Review of Predicting Elections Based on Social Media Data	Machine Learning	Passive Aggressive Classifier	Python
3	MDPY2103	Agricultural Crop Recommendations based on Productivity and Season	Machine Learning	Decision Tree Classifier	Python
4	MDPY2104	An Efficient Spam Detection Technique for IoT Devices Using Machine Learning	Machine Learning	Random Forest Classification	Python
5	MDPY2105	Chronic Kidney Disease Stage Identification in HIV Infected Patients using Machine Learning	Machine Learning	Support Vector Machine (SVM)	Python
6	MDPY2106	COVIDSenti: A Large-Scale Benchmark Twitter Data Set for COVID-19 Sentiment Analysis	Machine Learning	Support Vector Machine (SVM)	Python
7	MDPY2107	Crop Recommender System Using Machine Learning Approach	Machine Learning	Random Forest	Python

8	MDPY2108	Detecting Fake Reviews Using Multidimensional Representations With Fine-Grained Aspects Plan	Machine Learning	CNN Model Architecture	Python
9	MDPY2109	Detection of Cyberbullying on Social Media Using Machine learning	Machine Learning	Support Vector Machine, Random Forest Classifier	Python
10	MDPY2110	Diabetes Disease Prediction Using Machine Learning Algorithms	Machine Learning	Random Forest Classifier	Python
11	MDPY2111	Emotion Recognition by Textual Tweets Classification Using Voting Classifier (LR-SGD)	Machine Learning	Voting Classifier (LOGISTIC REGRESSION AND STOCHASTIC GRADIENT DESCENT)	Python
12	MDPY2112	Crime Type and Occurrence Prediction Using Machine Learning Algorithm	Machine Learning	Random Forest Classifier	Python
13	MDPY2113	Machine Learning Based Heart Disease Prediction System	Machine Learning	Decision Tree Classifier	Python
14	MDPY2114	Naïve Bayes Classifier for Predicting the Novel Coronavirus	Machine Learning	Random Forest Classifier	Python
15	MDPY2115	Potato Disease Detection Using Machine Learning	Machine Learning	VGG16 Architecture.	Python
16	MDPY2116	WELFake: Word Embedding Over Linguistic Features for Fake News Detection	Machine Learning	CNN Model Architecture	Python
17	–	–	–	–	–

18	MDPY2118	Predictive Analysis for Big Mart Sales Using Machine Learning Algorithms	Machine Learning	Decision Tree Regression	Python
19	MDPY2119	Primary Stage of Diabetes Prediction using Machine Learning Approaches	Machine Learning	Random Forest Classifier	Python
20	–	–	–	–	–
21	MDPY2121	A Comparative Study on Fake Job Post Prediction Using Different Data mining Techniques	Deep Learning	Random Forest Classifier, K-Neighbors Classifier	Python
22	MDPY2122	A Lightweight Convolutional Neural Network for Real-Time Facial Expression Detection	Deep Learning	CNN Model Architecture	Python
23	MDPY2123	Brain Tumour Detection Using Deep Learning	Deep Learning	CNN Model Architecture	Python
24	MDPY2124	Classification of Malaria-Infected Cells using Convolutional Neural Networks	Deep Learning	CNN Model Architecture	Python
25	MDPY2125	–	–	–	–
26	MDPY2126	Diabetic Retinopathy Detection by means of Deep Learning	Deep Learning	InceptionV3 Architecture	Python
27	MDPY2127	Diagnosis of COVID-19 from Chest X-Ray Images Using Wavelets-Based Depthwise Convolution Network	Deep Learning	EfficientNet B0 Architecture	Python

28	MDPY2128	Handwritten Digit Recognition Using CNN	Deep Learning	CNN Model Architecture	Python
29	MDPY2129	-	-		-
30	MDPY2130	License Plate Detection Methods Based on OpenCV	Deep Learning	OpenCV	Python
31	-	-	-	-	-
32	MDPY2132	Melanoma Detection Using Convolutional Neural Network	Deep Learning	VGG16 architecture	Python
33	MDPY2133	Real-Time Drowsiness Identification based on Eye State Analysis	Deep Learning	OpenCV	Python
34	MDPY2134	Tomato Leaf Disease Identification by Restructured Deep Residual Dense Network	Deep Learning	VGG16 Architecture.	Python
35	MDPY2135	Traffic Sign Recognition using Deep learning for Autonomous Driverless Vehicles	Deep Learning	CNN Model Architecture	Python



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