

50 Unique Machine learning *Project Ideas*

1.	Fraud Detection in Financial Transactions
2.	Sentiment Analysis on Social Media Posts
3.	Image Recognition for Plant Disease Identification
4.	Predictive Maintenance for Industrial Equipment
5.	Personalized Movie Recommendation System
6.	Autonomous Drone Navigation using Computer Vision
7.	Speech Emotion Recognition
8.	Human Activity Recognition from Sensor Data
9.	Predicting Stock Prices using Time Series Analysis
10.	Gender and Age Prediction from Facial Images
11.	Text Summarization using Natural Language Processing
12.	Customer Churn Prediction for Subscription Services
13.	Handwritten Digit Recognition with Neural Networks
14.	Anomaly Detection in Network Traffic
15.	Language Translation using Sequence-to-Sequence Models
16.	Object Detection in Satellite Images
17.	Predicting Housing Prices with Regression Models
18.	Dynamic Pricing for E-commerce Products
19.	Medical Image Segmentation for Tumor Detection
20.	Recommender System for Online Courses
21.	Identifying Fake News using Text Classification
22.	Traffic Flow Prediction in Smart Cities
23.	Facial Recognition Attendance System
24.	Credit Scoring using Machine Learning
25.	Autonomous Vehicle Navigation in Simulated Environments

26.	Energy Consumption Forecasting in Smart Buildings
27.	Speech-to-Text Conversion with Deep Learning
28.	Predicting Air Quality Index in Urban Areas
29.	Hand Gesture Recognition for Human-Computer Interaction
30.	Predicting Employee Attrition in Organizations
31.	Customer Segmentation for Marketing Strategies
32.	Predicting Disease Outbreaks with Epidemiological Models
33.	Autonomous Robot for Indoor Navigation
34.	Emotion-aware Music Recommendation System
35.	Detecting Cybersecurity Threats using Machine Learning
36.	Style Transfer for Images using GANs
37.	Natural Language Generation for Content Creation
38.	Wildlife Species Recognition in Camera Trap Images
39.	Predicting the Success of Kickstarter Campaigns
40.	Predicting Flight Delays in Airline Schedules
41.	Facial Expression Analysis for Human-Computer Interaction
42.	Food Recognition and Calorie Estimation from Images
43.	Predictive Analysis of Customer Lifetime Value
44.	Real-time Lane Detection for Autonomous Vehicles
45.	Chatbot for Customer Support using NLP
46.	Predicting Employee Productivity with Work Patterns
47.	Video-based Human Pose Estimation
48.	Environmental Sound Classification for Noise Monitoring
49.	Predicting Academic Performance using Educational Data
50.	Virtual Try-On for Online Clothing Shopping