

# GOLDMINE OF PYTHON PROJECTS



## Machine Learning Projects for Beginners

1. [Instagram Reach Analysis and Prediction](#)
2. [Online Payments Fraud Detection](#)
3. [Waiter Tips Analysis & Prediction](#)
4. [Ukraine vs Russia Twitter Sentiment Analysis](#)
5. [Future Sales Prediction](#)
6. [Waiter Tips Analysis & Prediction](#)
7. [Stock Price Prediction](#)
8. [Flipkart Reviews Sentiment Analysis](#)
9. [Breast Cancer Survival Prediction](#)
10. [Covid-19 Deaths Prediction](#)
11. [Stock Price Prediction with LSTM Neural Network](#)
12. [Cryptocurrency Price Prediction for the next 30 days](#)
13. [Article Recommendation System](#)
14. [Netflix Stock Price Prediction](#)
15. [Time Series Analysis](#)
16. [Classification with Neural Networks](#)
17. [Stress Detection](#)

18. [AlexNet Neural Network Architecture](#)
19. [Visualizing a Machine Learning Algorithm](#)
20. [Training and Giving Inputs to a Machine Learning Model](#)
21. [Product Demand Prediction](#)
22. [Electricity Price Prediction](#)
23. [Language Detection](#)
24. [Adding Labels to a Dataset for Sentiment Analysis](#)
25. [Pfizer Vaccine Sentiment Analysis](#)
26. [News Classification](#)
27. [Omicron Variant Sentiment Analysis](#)
28. [Iris Flower Classification](#)
29. [Water Quality Analysis](#)
30. [Twitter Sentiment Analysis](#)
31. [Squid Game Sentiment Analysis](#)
32. [Comparison of Classification Algorithms](#)
33. [Tata Motors Stock Price Prediction](#)
34. [Health Insurance Premium Prediction](#)
35. [Movie Rating Analysis for Beginners](#)
36. [Number of Orders Prediction](#)

37. [Apple Stock Price Prediction](#)
38. [Insurance Prediction](#)
39. [Worldwide Billionaires Analysis](#)
40. [Unemployment Analysis](#)
41. [Car Price Prediction Model](#)
42. [Spam Detection](#)
43. [Count Objects in Image](#)
44. [WhatsApp Chats Sentiment Analysis](#)
45. [WhatsApp Chats Analysis](#)
46. [Microsoft Stock Price Prediction](#)
47. [Covid-19 Vaccine Analysis](#)
48. [Video Game Sales Prediction Model](#)
49. [Student Grades Prediction Model](#)
50. [Saving a Machine Learning Model](#)
51. [Uber Trips Analysis](#)
52. [Google Search Analysis](#)
53. [Tesla Stock Price Prediction Model](#)
54. [Financial Budget Analysis](#)
55. [Click-Through Rate Prediction Model](#)

56. [Interactive Language Translator](#)
57. [Language Detection](#)
58. [Create a Chatbot with Python](#)
59. [Best Streaming Service Analysis](#)
60. [Data Science Project on President Heights](#)
61. [Data Science Project on Birth Rate Analysis](#)
62. [Data Science Project on Time Series](#)
63. [Data Science Project on Area and Population](#)
64. [A Complete Machine Learning Project Walkthrough](#)
65. [Text Summarization](#)
66. [Keyword Extraction](#)
67. [Data Science Projects on Finance](#)
68. [Data Science Projects on Marketing](#)
69. [End to end Machine Learning Projects](#)
70. [Machine Learning Projects on Binary Classification](#)
71. [Data Science Projects Based on Domains](#)

## Advanced Machine Learning Projects

1. [Sarcasm Detection](#)
2. [Social Media Followers Prediction](#)
3. [Amazon Product Reviews Sentiment Analysis](#)
4. [Hate Speech Detection](#)
5. [End-to-end Hate Speech Detection System](#)
6. [End-to-end Fake News Detection System](#)
7. [End-to-end Spam Detection System](#)
8. [Hotel Reviews Sentiment Analysis](#)
9. [Real-time Gender Detection System](#)
10. [Dogecoin Price Prediction](#)
11. [Google Play Store Sentiment Analysis](#)
12. [Amazon Alexa Reviews Sentiment Analysis](#)
13. [Social Media Ads Classification](#)
14. [Fake News Detection](#)
15. [End-to-End Machine Learning Model](#)
16. [Gender Detection](#)
17. [Sales Prediction](#)

18. [Currency Exchange Rate Prediction](#)
19. [End-to-end Machine Learning Project](#)
20. [Profit Prediction Model](#)
21. [Automatic Time Series Forecasting](#)
22. [Ted-Talks Recommendation System](#)
23. [Real-time Sentiment Analysis](#)
24. [Amazon Recommendation System](#)
25. [Mobile Price Classification](#)
26. [Spotify Recommendation System](#)
27. [Text Emotions Detection](#)
28. [Hotel Recommendation System](#)
29. [Bankruptcy Prediction Model](#)
30. [Customer Personality Analysis](#)
31. [Instagram Algorithm](#)
32. [Diamond Price Prediction Model](#)
33. [Book Recommendation System](#)
34. [Netflix Data Analysis](#)
35. [Satellite Imagery Analysis](#)
36. [Topic Modelling](#)

37. [Covid-19 Vaccine Sentiment Analysis](#)
38. [Human Activity Recognition Model](#)
39. [Cohort Analysis](#)
40. [End to end Machine Learning Project](#)
41. [Life Expectancy Analysis](#)
42. [Bitcoin Price Prediction](#)
43. [Human Resource Analysis](#)
44. [Energy Consumption Prediction](#)
45. [LightGBM Model](#)
46. [FastAI Model](#)
47. [House Price Prediction](#)
48. [Real-Time Face Mask Detection](#)
49. [Netflix Recommendation System](#)
50. [Named Entity Recognition](#)
51. [Number Plate Detection](#)
52. [IPL Analysis with Python](#)
53. [Gold Price Prediction](#)
54. [Object Detection](#)
55. [Highest-Paid Athletes Analysis](#)



56. [Text Generation](#)
57. [Spelling Correction with Python](#)
58. [Income Classification](#)
59. [Customer Churn Prediction](#)
60. [Language Translation Model](#)
61. [Resume Screening](#)
62. [Sign Language Classification](#)
63. [Online Shopping Intention Analysis](#)
64. [Network Graph Analysis](#)
65. [Keyword Extraction](#)
66. [Amazon Best Selling Books Analysis](#)
67. [Covid-19 Cases Prediction for Next 30 Days](#)
68. [YouTube Trending Videos Analysis](#)
69. [Gender Classification](#)
70. [Flower Recognition](#)
71. [Pneumonia Detection](#)
72. [Employee Attrition Prediction](#)
73. [Hand Gesture Recognition](#)
74. [Face mask Detection](#)

75. [Market Basket Analysis using Apriori Algorithm](#)
76. [Breast Cancer Detection](#)
77. [Earthquake Prediction Model](#)
78. [Outlier Detection](#)
79. [Heart Disease Prediction](#)
80. [Plastic Users Analysis](#)
81. [Landmark Detection](#)
82. [Chatbot with Machine Learning](#)
83. [Next Word Prediction Model](#)
84. [Age and Gender Detection with Python](#)
85. [Autocorrect Keyboard with Python and Machine Learning.](#)
86. [Machine Learning in 5 lines of code.](#)
87. [Deepfake Detection with Machine Learning.](#)
88. [Predict US Elections with Python.](#)
89. [Fake Currency Detection with Machine Learning.](#)
90. [Predict Tinder Matches with Machine Learning.](#)
91. [Image Segmentation](#)
92. [Title Generator with Python.](#)
93. [Build Google Search Algorithm with Python.](#)

94. [Face Landmarks Detection](#)
95. [Pencil Sketch with Python.](#)
96. [OpenAI Gym in Machine Learning](#)
97. [Machine Translation Model](#)
98. [Covid 19 Analysis.](#)
99. [Build the TikTok Algorithm with Machine Learning.](#)
100. [Analyze ILP Matches.](#)
101. [Barcode and QR code Reader with Python](#)
102. [Extract Text From PDF with Python.](#)
103. [Predict IPL Winner 2020.](#)
104. [Predict Car Prices.](#)
105. [Analyze Call Records.](#)
106. [Create an API with Python.](#)
107. [Send Custom Emails with Python.](#)
108. [Colour Recognition with Machine Learning.](#)
109. [Create a 3D Video Animation.](#)
110. [Graph Algorithms in Machine Learning.](#)
111. [Image Features Extraction.](#)
112. [Rainfall Prediction with Machine Learning.](#)

113. [Classify Nationalities with Machine Learning.](#)
114. [Fraud Detection with Machine Learning.](#)
115. [Topic Modeling with Python](#)
116. [Named Entity Recognition](#)
117. [WhatsApp Group Chat Analysis](#)
118. [Translate Languages Using Python](#)
119. [Network Security Analysis](#)
120. [Bar Chart Race with Python](#)
121. [Keyword Research with Python](#)
122. [Fashion Recommendation System](#)
123. [Face Detection with Python](#)
124. [Emotion Detection Model](#)
125. [Telegram Bot with Python](#)
126. [Handwriting Recognition](#)
127. [Visualize a Solar System with Python.](#)
128. [Hate Speech Detection Model](#)
129. [Build Instagram Filters with Python.](#)
130. [Contact Tracing with Machine Learning](#)
131. [Deploy a Chatbot with Python into a Web Application](#)

132. [Summarize Text with Machine Learning](#)
133. [Language Classification with Machine Learning.](#)
134. [OTP Verification GUI with Python](#)
135. [Create an Audiobook with Python](#)
136. [Titanic Survival Analysis](#)
137. [Image Recognition with PyTorch](#)
138. [Gender Classification Model](#)
139. [Daily Births Forecasting](#)
140. [Binary Search Algorithm](#)
141. [Galaxy Classification with Machine Learning](#)
142. [Time Series with LSTM Model](#)
143. [Image Classification with TensorFlow](#)
144. [Predict Weather with Machine Learning](#)
145. [Create a Package with Python](#)
146. [Computer Vision with Python](#)
147. [Diamonds Analysis with Python](#)
148. [Text Classification with TensorFlow](#)
149. [Ridge and Lasso Regression](#)
150. [Predict Fuel Efficiency](#)

151. [ABC Analysis with Python](#)
152. [RFM Analysis with Python](#)
153. [Build Neural Network with Python Code](#)
154. [Genetic Algorithm with Python](#)
155. [Predict Migration with Machine Learning](#)
156. [Analyze Healthcare Data](#)
157. [Data Science Project on Text and Annotations](#)
158. [Data Science Project on – Handwritten Digits](#)
159. [Data Science Project on- Support Vector Machines](#)
160. [Data Science Project – Stock Price Prediction with Machine Learning](#)
161. [Data Science Project on – Classification of Text](#)
162. [Data Science Project on-Extracting HOG Features](#)
163. [Data Science Project on – Amazon Products Reviews Sentiment Analysis with Machine Learning](#)
164. [Data Science Project – Email spam Detection with Machine Learning](#)
165. [Data Science Project – Heart Disease Prediction with Machine Learning](#)
166. [Data Science Project – Movie Recommendation System](#)

167. [Data Science Project – Student Performance Analysis with Machine Learning](#)
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169. [Data science project – Fake News Classification](#)
170. [Data Science Project – DNA Sequencing with Machine Learning](#)
171. [Data Science Project – Book Recommendation System with Machine Learning](#)
172. [Data Science Project – Bitcoin Price Prediction with Machine Learning](#)
173. [Machine Learning Project – Artificial Neural Networks](#)
174. [Algorithmic Trading Strategy with Machine Learning and Python](#)
175. [Movie Reviews Sentiment Analysis -Binary Classification with Machine Learning](#)
176. [Data Science Project – Supermarket Sales Analysis](#)
177. [Data Science Project – GDP Analysis](#)
178. [Data Science Project – Predict Customer Churn with Python and Machine Learning](#)
179. [Data Science Project – San Francisco Crime Analysis](#)
180. [Machine Learning Project – Human Activity Recognition using Smartphone Data](#)

181. [Credit Card Fraud Detection with Machine Learning](#)
182. [Weather Forecasting with Machine Learning](#)
183. [SMS Spam Detection with Machine Learning](#)
184. [Covid-19 Detection with Machine Learning and AI](#)
185. [Customer Segmentation with Machine Learning](#)
186. [Employee Turnover Prediction with Machine Learning](#)
187. [Predict Diabetes with Machine Learning](#)
188. [Image Classification with PyTorch](#)
189. [Time Series Forecasting with ARIMA Model](#)
190. [Natural Language Processing on WhatsApp Chats](#)
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197. [XGBoost Algorithm in Machine Learning](#)
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200. [Audio Feature Extraction](#)
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203. [Create a 3D Video with Python and Machine Learning.](#)
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Python Projects

<https://medium.com/coders-camp/230-machine-learning-projects-with-python-5d0c7abf8265>