217 Machine Learning Projects with Python Code

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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

Now, these are the projects where you will deal with real-time problems.

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**

168. **Data Science Project on FIFA Analysis with python**

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**
191. **Fake News Detection Model**
192. **Image Classification with Artificial Neural Networks**
193. **Binary Classification Model**
194. **Data Augmentation with Deep Learning**
195. **Next Word Prediction Model.**
196. **Image Segmentation**
197. **XGBoost Algorithm in Machine Learning**
198. **Face Landmarks Detection**
199. **Image Filtering with Machine Learning**
200. **Audio Feature Extraction**
201. **Machine Translation Model**
202. **Gender Classification Model**
203. **Create a 3D Video with Python and Machine Learning.**
204. **Named Entity Recognition**
205. **WhatsApp Group Chat Analysis**
206. **Translate Languages Using Python**

207. **Covid-19 Projects with Machine Learning**

208. **Deep Learning Projects with Machine Learning**

209. **Recommendation System Projects with Machine Learning**

210. **Sentiment Analysis Projects with Machine Learning**

211. **Classification Projects For Machine Learning**

212. **Regression Projects for Machine Learning**

213. **Chatbot Projects with Python**

214. **Machine Learning Projects on Future Prediction**

215. **Machine Learning Projects for Resume**

216. **Best Data Science Projects for Resume**

217. **Machine Learning Projects on Social Media Analysis**

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