







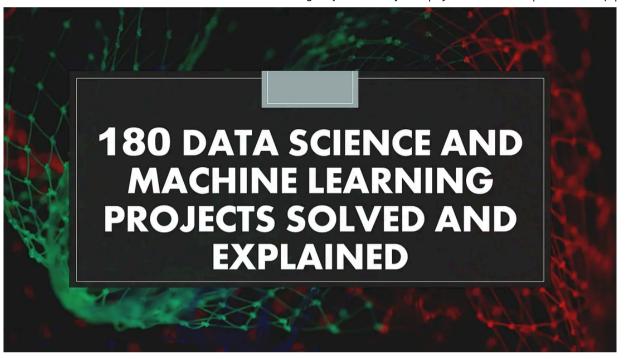


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# **180 Data Science and Machine Learning Projects with Python**

180 Data Science and Machine Learning Projects Solved and Explained with Python.





In this article, I will introduce you to more than 180 data science and machine learning projects solved and explained using the Python programming language.

## **Machine Learning Projects for Beginners**

- 1. Stock Price Prediction with LSTM Neural Network
- 2. Online Payments Fraud Detection
- 3. Future Sales Prediction
- 4. Waiter Tips Analysis & Prediction

- 5. Stock Price Prediction
- 6. Flipkart Reviews Sentiment Analysis
- 7. <u>Cryptocurrency Price Prediction for the next 30 days</u>
- 8. Article Recommendation System
- 9. Netflix Stock Price Prediction
- 10. <u>Time Series Analysis</u>
- 11. Classification with Neural Networks
- 12. Stress Detection
- 13. AlexNet Neural Network Architecture
- 14. Visualizing a Machine Learning Algorithm
- 15. Training and Giving Inputs to a Machine Learning Model
- 16. Product Demand Prediction
- 17. Electricity Price Prediction
- 18. Language Detection
- 19. Adding Labels to a Dataset for Sentiment Analysis
- 20. Pfizer Vaccine Sentiment Analysis
- 21. News Classification

- 22. Omicron Variant Sentiment Analysis
- 23. Iris Flower Classification
- 24. Water Quality Analysis
- 25. <u>Twitter Sentiment Analysis</u>
- 26. Squid Game Sentiment Analysis
- 27. Comparison of Classification Algorithms
- 28. Tata Motors Stock Price Prediction
- 29. Health Insurance Premium Prediction
- 30. <u>Movie Rating Analysis for Beginners</u>
- 31. Number of Orders Prediction
- 32. Apple Stock Price Prediction
- 33. Insurance Prediction
- 34. Worldwide Billionaires Analysis
- 35. <u>Unemployment Analysis</u>
- 36. Car Price Prediction Model
- 37. Spam Detection
- 38. Count Objects in Image

- 39. WhatsApp Chats Sentiment Analysis
- 40. WhatsApp Chats Analysis
- 41. Microsoft Stock Price Prediction
- 42. Covid-19 Vaccine Analysis
- 43. Video Game Sales Prediction Model
- 44. Student Grades Prediction Model
- 45. Saving a Machine Learning Model
- 46. <u>Uber Trips Analysis</u>
- 47. Google Search Analysis
- 48. Tesla Stock Price Prediction Model
- 49. <u>Financial Budget Analysis</u>
- 50. Click-Through Rate Prediction Model
- 51. Interactive Language Translator
- 52. <u>Language Detection</u>
- 53. Create a Chatbot with Python
- 54. <u>Best Streaming Service Analysis</u>
- 55. Data Science Project on President Heights

- 56. <u>Data Science Project on Birth Rate Analysis</u>
- 57. <u>Data Science Project on Time Series</u>
- 58. <u>Data Science Project on Area and Population</u>
- 59. A Complete Machine Learning Project Walkthrough
- 60. Text Summarization
- 61. Keyword Extraction
- 62. <u>Data Science Projects on Finance</u>
- 63. Data Science Projects on Marketing
- 64. End to end Machine Learning Projects
- 65. Machine Learning Projects on Binary Classification
- 66. <u>Data Science Projects Based on Domains</u>
- 67. Sarcasm Detection
- 68. Social Media Followers Prediction
- 69. Amazon Product Reviews Sentiment Analysis
- 70. Hate Speech Detection
- 71. End-to-end Hate Speech Detection System
- 72. End-to-end Fake News Detection System

- 73. End-to-end Spam Detection System
- 74. Hotel Reviews Sentiment Analysis
- 75. Real-time Gender Detection System
- 76. <u>Dogecoin Price Prediction</u>
- 77. Google Play Store Sentiment Analysis
- 78. <u>Amazon Alexa Reviews Sentiment Analysis</u>
- 79. Social Media Ads Classification
- 80. Fake News Detection
- 81. End-to-End Machine Learning Model
- 82. Gender Detection
- 83. Sales Prediction
- 84. Currency Exchange Rate Prediction
- 85. End-to-end Machine Learning Project
- 86. Profit Prediction Model
- 87. Automatic Time Series Forecasting
- 88. Ted-Talks Recommendation System
- 89. Real-time Sentiment Analysis

- 90. Amazon Recommendation System
- 91. Mobile Price Classification
- 92. Netflix Data Analysis
- 93. <u>Life Expectancy Analysis</u>
- 94. Bitcoin Price Prediction
- 95. FastAI Model
- 96. House Price Prediction
- 97. Real-Time Face Mask Detection
- 98. Netflix Recommendation System
- 99. Gold Price Prediction
- 100. Object Detection
- 101. <u>Highest-Paid Athletes Analysis</u>
- 102. Employee Attrition Prediction
- 103. Next Word Prediction Model
- 104. Age and Gender Detection with Python
- 105. <u>Autocorrect Keyboard with Python and Machine Learning.</u>
- 106. Machine Learning in 5 lines of code.

- 107. Predict US Elections with Python.
- 108. Fake Currency Detection with Machine Learning.
- 109. Predict Tinder Matches with Machine Learning.
- 110. OpenAI Gym in Machine Learning
- 111. Covid 19 Analysis
- 112. Analyze ILP Matches.
- 113. Barcode and QR code Reader with Python
- 114. Extract Text From PDF with Python.
- 115. Predict Car Prices.
- 116. Fraud Detection with Machine Learning.
- 117. Topic Modeling with Python
- 118. WhatsApp Group Chat Analysis
- 119. Translate Languages Using Python
- 120. <u>Network Security Analysis</u>
- 121. Bar Chart Race with Python
- 122. <u>Keyword Research with Python</u>
- 123. Fashion Recommendation System

- 124. Face Detection with Python
- 125. Telegram Bot with Python
- 126. Handwriting Recognition
- 127. <u>Hate Speech Detection Model</u>
- 128. Build Instagram Filters with Python.
- 129. Contact Tracing with Machine Learning
- 130. <u>Language Classification with Machine Learning.</u>
- 131. <u>Titanic Survival Analysis</u>
- 132. Image Recognition with PyTorch
- 133. Time Series with LSTM Model
- 134. Image Classification with TensorFlow
- 135. Text Classification with TensorFlow
- 136. Ridge and Lasso Regression
- 137. Predict Fuel Efficiency
- 138. Build Neural Network with Python Code
- 139. Genetic Algorithm with Python
- 140. Analyze Healthcare Data

- 141. <u>Data Science Project on Text and Annotations</u>
- 142. <u>Data Science Project Stock Price Prediction with Machine Learning</u>
- 143. <u>Data Science Project on Classification of Text</u>
- 144. <u>Data Science Project on-Extracting HOG Features</u>
- 145. <u>Data Science Project Email spam Detection with Machine Learning</u>
- 146. <u>Data Science Project Heart Disease Prediction with Machine</u>
- 147. <u>Data Science Project Movie Recommendation System</u>
- 148. <u>Data Science Project Student Performance Analysis with Machine Learning</u>
- 149. <u>Data science project Fake News Classification</u>
- 150. <u>Data Science Project Bitcoin Price Prediction with Machine Learning</u>
- 151. <u>Machine Learning Project Artificial Neural Networks</u>
- 152. Credit Card Fraud Detection with Machine Learning
- 153. SMS Spam Detection with Machine Learning
- 154. <u>Time Series Forecasting with ARIMA Model</u>
- 155. Natural Language Processing on WhatsApp Chats
- 156. Fake News Detection Model
- 157. <u>Image Classification with Artificial Neural Networks</u>

- 158. <u>Binary Classification Model</u>
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- 172. <u>Data Science Project on President Heights</u>
- 173. <u>Data Science Project on Birth Rate Analysis</u>
- 174. Movie Rating Analysis for Beginners

- 175. Number of Orders Prediction
- 176. Apple Stock Price Prediction
- 177. Click-Through Rate Prediction Model
- 178. <u>Interactive Language Translator</u>
- 179. Language Detection
- 180. Sarcasm Detection

I hope you liked this article on more than 180 data science and machine learning projects solved and explained by using the Python programming language. Feel free to ask your valuable questions in the comments section below.

Machine Learning Artificial Intelligence Data Science Python Programming



# Written by Aman Kharwal 😊

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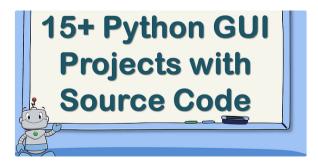
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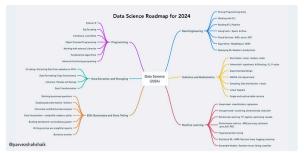
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