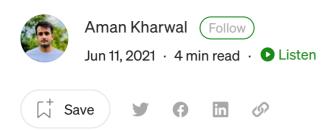
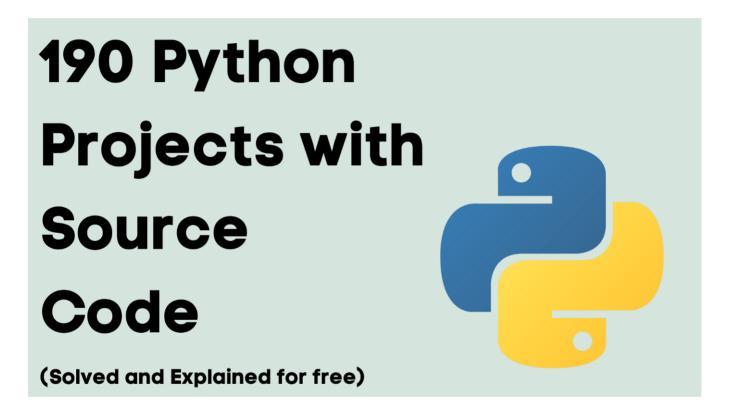


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# 190 Python Projects with Source Code

190 Python Projects with Source Code: solved and explained for free



Python is one of the best programming languages. Due to its readability and beginner-friendly nature, it has been accepted by industries around the world. So to master Python for any field you have to work on projects. In this article, I will take you through more than 190 Python projects with source code.

## **Python Projects with Source Code**

#### **Python Projects For Beginners:**

1. Number Guessing Game









- 4. Group Elements of Same Indices
- 5. Calculate Mean, Median, and Mode using Python
- 6. Calculate Execution Time of a Python Program
- 7. Count Number of words in a Column
- 8. Rock Paper Scissors Game using Python
- 9. Print Emojis using Python
- 10. Correct Spellings using Python
- 11. Scraping Github Profile using Python
- 12. Visualize Linear Relationships using Python
- 13. Generate Text using Python
- 14. Scrape Table From a Website using Python
- 15. Extract Text From PDF using Python
- 16. Reversing a String using Python
- 17. Match Sequences using Python
- 18. QR Code using Python
- 19. Decode a QR Code using Python
- 20. <u>Creating Dummy Data using Python</u>
- 21. Remove Cuss Words using Python
- 22. Find Duplicate Values using Python
- 23. <u>Detect Questions using Python</u>
- 24. Voice Recorder using Python
- 25 Reading and Writing CCV Files using Duthon









- 28. Age Calculator using Python
- 29. LCM using Python
- 30. Price Elasticity of Demand using Python
- 31. Find the Most Frequent Words in a File
- 32. Find the Number of Capital Letters in a File
- 33. Index of Maximum Value in a Python List
- 34. Index of Minimum Value in a Python List
- 35. Voice Recorder using Python
- 36. Send Instagram Messages using Python
- 37. Animated Scatter Plot
- 38. Create Font Art using Python
- 39. Collage Maker with Python
- 40. Get Phone Number Details using Python
- 41. <u>Display a Calendar using Python</u>
- 42. Internet Speed Test using Python
- 43. Text to Handwriting with Python
- 44. Shutdown Computer using Python
- 45. Send Automatic Emails using Python
- 46. <u>Defang IP Address</u>
- 47. Password Authentication using Python
- 48. Web Scraping to create a dataset
- 10 Paciima Coannar









- 52. Quartile Deviation using Python
- 53. Count Character Occurrences
- 54. Pyramid Pattern using Python
- 55. Sequential Search
- 56. Swap Variables using Python
- 57. Sorting NumPy Arrays
- 58. Validate Anagrams
- 59. Create Tables with Python
- 60. Recursive Binary Search
- 61. Backward For Loop
- 62. <u>Dijkstra's Algorithm using Python</u>
- 63. <u>Hash Tables using Python</u>
- 64. Queues using Python
- 65. Validate a Binary Search Tree
- 66. Stacks using Python
- 67. Check Palindrome Words
- 68. Breadth-First Search Algorithm
- 69. Plot Annotations
- 70. Real-Time Currency Converter
- 71. FizzBuzz Algorithm
- 72. Extract Keywords with Python
- 72 Road Data From Congle Cheete with Duthon









- 76. Mad Libs Game with Python
- 77. Create Acronyms using Python
- 78. Alarm Clock with Python
- 79. Email Slicer with Python
- 80. Story Generator with Python
- 81. Generate Password with Python
- 82. Play Rock, Paper, and Scissors with Python
- 83. Dice Roll Simulator
- 84. **OR Code Generator**
- 85. Animal Quiz Game
- 86. Print Coloured Text
- 87. BMI Calculator
- 88. Fahrenheit to Celcius Converter
- 89. Taking Multiple User Inputs
- 90. Convert Roman Numbers to Decimals
- 91. Pearson Correlation
- 92. Treemap using Python
- 93. Convert Image to an array
- 94. Scrape IMDb with Python
- 95. Python Projects for Resume
- 96. Python Project Ideas for Final Year









Missing: Advanced Projects Beginning

1)-Netflix Recommendation System;

https://thecleverprogrammer.com/2022/07/05/

netflix-recommendation-system-using-python/

2)-Time-Series Graph Using Python

>> Link:

https://thecleverprogrammer.com/2022/01/12/ time-series-graph-using-python/

- 3. Get Stock Price Data using Python
- 4. Candlestick Chart using Python
- 5. Word Cloud From a Pandas DataFrame
- 6. LeNet-5 Architecture using Python
- 7. End-to-end Encryption using Python
- 8. Get Live Covid-19 Data using Python
- 9. Violin Plot using Python
- 10. Sunburst Plot with Python
- 11. Calculation of Accuracy using Python
- 12. Visualize a Neural Network using Python
- 13. Bias and Variance using Python
- 14. Get Live Weather Updates using Python
- 15. Count Objects in Image using Python
- 16. Scrape Trending News using Python
- 17. Real-time Stock Price Data Visualization using Python
- 18. OTP Verification using Python
- 19. Data Visualization on a map
- 20. Choropleth Map with Python
- 21. Egg catcher game
- 22. Extract Country Details
- 23. Convert Text to Numerical data
- 24 ALIC and DOC using Dathon











- 27. Language Detection
- 28. Histogram and Density Plots with Python
- 29. Radar Plot with Python
- 30. Create a Chatbot with Python
- 31. Stopwords Removal
- 32. Unicode Characters Removal
- 33. Grammar Correction with Python
- 34. Caterpillar Game with Python
- 35. Maze Solver
- 36. Encrypt and Decrypt Messages with Python
- 37. Screen Pet Game with Python
- 38. Robot Builder with Python
- 39. Generate Word Clouds
- 40. Bitcoin Mining
- 41. Password Picker
- 42. Typing Test Game GUI
- 43. Contact Book with Python
- 44. Hangman Game with Python
- 45. URL Shortner with Python
- 46. <u>Digital Clock GUI</u>
- 47. Get Desktop Notifications with Python
- 12 Hea Vour Dhone Camera for Computer Vicion









- 51. Extract Text from videos
- 52. Fidget Spinner Game
- 53. Spelling Correction with Python
- 54. Create Amazing Graphics with Python
- 55. Monty Hall Simulator
- 56. Video to Audio Converter
- 57. Tic Tac Toe GUI
- 58. Calculator GUI
- 59. Number Guessing Game
- 60. Image Converter GUI
- 61. Weight Converter GUI
- 62. Visualize a Chess Board with Python
- 63. Age and Gender Detection
- 64. Bar Code and QR Code Reader
- 65. Create Audiobook with Python
- 66. Face Detection
- 67. Extract Text from PDF
- 68. Card Game using DS and Algo
- 69. Web Scrapper with Python
- 70. Create a Pencil Sketch using Python
- 71. Text Editor GUI
- 79 Inctagram Filters with Duthan









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- 75. Image Segmentation
- 76. Quick Sort Algorithm
- 77. <u>Deploy a Chatbot</u>
- 78. Create a Telegram Bot
- 79. Scraping Twitter without API
- 80. Text to Speech Converter
- 81. Keyword Research with Python
- 82. Next Word Prediction
- 83. Scrape Wikipedia
- 84. Lives Game
- 85. Web Scraping to create a CSV
- 86. Scrape Instagram
- 87. Image Filtering
- 88. Audio Processing
- 89. Analog Clock with Python
- 90. Create a Simple Chatbot
- 91. Clock APP with Python
- 92. <u>3D Graphs</u>
- 93. Calendar GUI
- 94. Get Real-time weather with Python

So these were some of the best Python projects with source code that you should try.









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