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Best Free Resources to Learn Python



Coursesteach

3 min read · Oct 18, 2023



38



In this blog post, we will explore the best free resources available online to learn Python. Python is a programming language used to implement Machine learning algorithms. Whether you are a beginner looking to get started with Python or an experienced practitioner searching for advanced learning materials, this comprehensive list of free resources will help you gain the knowledge and skills needed to excel in Python.

PYTHON LIBRARIES AND FRAMEWORKS

Machine Learning

- Numpy
- Keras
- Theano
- Pandas
- PyTorch
- TensorFlow
- Scikit-Learn
- Matplotlib
- Scipy
- Seaborn

Web Development

- Django
- Flask
- Bottle
- CherryPy
- Pyramid
- Web2Py
- TurboGears
- CubicWeb
- Dash
- Falcon

Automation Testing

- Splinter
- Robot
- Behave
- PyUnit
- PyTest

Game Development

- PyGame
- PyGlet
- PyOpenGL
- Arcade
- Panda3D

Image Processing

- OpenCV
- Mahotas
- Scikit-Image
- Pgmagick
- SimpleITK

Web Scraping

- Requests
- BeautifulSoup
- Scrapy
- Selenium
- lxml

Blogs and Websites to learn Python

- [Automate the Boring Stuff with Python](#)
- [Learnpython](#)
- [W3schools](#)
- [TutorialsPoint](#)

- [Geeksforgeeks](#)
- [Google's Python Class](#)
- [PythonForBeginners](#)
- [PYnative](#)
- [A Whirlwind Tour of Python](#)
- [Scientific Python Lectures](#)
- [100 Days of Machine Learning Challenge](#)
- [Holy Python](#)
- [Pythontutor](#)
- [Coursesteach](#)
- [Learn Python By Example](#)
- [pypiscout](#)(Find Package)

Online Courses

- [Python Programming MOOC 2023](#)
- [Introduction To Computer Science And Programming In Python](#)(MIT).
- [Programming for Everybody_\(Getting Started with Python\)](#)(Coursera)
- [Crash Course on Python](#)(Google)
- [Learn Python](#) (scrimba)
- [Courses-SkalskiP](#)
- [CS50's Introduction to Programming with Python](#)(Harward Uni)

Best free GitHub repository to Learn Python

- [100 Days of Data Science Code](#)
- [100-DaysOfCode-DataScience](#)
- [Python_Tutorials](#)
- [python-tutorial](#)
- [learn-python3](#)
- [Complete-Python-3-Bootcamp](#)
- [Your Journey to Fluent Python](#)

Textbooks and Tutorials

- 1-[Free Python Books](#)
- 2- [Python for Data Analysis](#)
- 3-[Think Python](#)
- 4- [Python Programming-openstax](#)

Road Map

1- [Python Developer](#)

Hosting platforms for Python Projects

- [AWS](#)
- [DigitalOcean App Platform](#)
- [FastComet](#)
- [Fly](#)

- Heroku
- Google Cloud
- Koyeb
- NodeChef
- PythonAnywhere
- Render

Python IDE:

- Jupyter Notebook
- Visual Studio Code
- PyCharm
- Atom
- Sublime Text
- Spyder
- GNU Emacs
- Vi / Vim
- Pydev
- Thonny
- Wing



Python Newsletters:

- Python Weekly

- [Awesome Python Newsletter](#)
- [Python Email Academy](#)
- [Dan's Python Newsletter](#)
- [The Real Python Newsletter](#)
- [Pycoder's Weekly](#)
- [Become a Better Developer](#)
- [Import Python](#)
- [Bite Python](#)

Reddit

- [Python Education](#)

Python Libraries for Machine Learning

- Sklearn
- Pycaret

Python Libraries for Deep Learning

- Keras
- Tensor Flow

Python Libraries for build AI Apps

- Flask
- Dango

- Streamlite
- Gradio

Python Libraries for Generative AI model

- lamalIndex

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1-Top Free Hosting Platforms for Python Apps 2024

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and GitHub repository. Don't wait — enroll now and unleash your Python potential!"

Stay tuned for our upcoming articles because we reach end to end ,where we will explore specific topics related to Python in more detail!

Remember, learning is a continuous process. So keep learning and keep creating and Sharing with others!  

Do you want to get into data science and AI and need help figuring out how? I can offer you research supervision and long-term career mentoring.
Skype: themushtaq48, email: mushtaqmsit@gmail.com

More update about Python Please follow and enroll:

Course: [Introduction of Python](#)

 [GitHub Repository](#).

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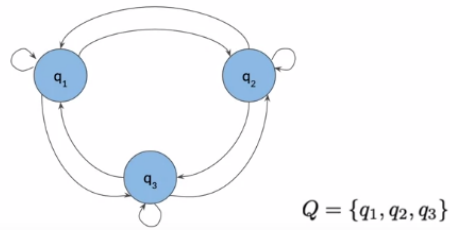
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Chapter 7: Part of Speech Tagging and Hidden Markov Models

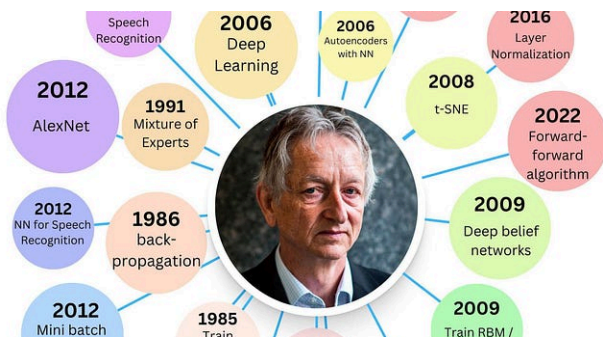
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Deep Learning (Part 1):Understanding Basic Neural...

Chapter1: Introduction of Deep learning: Understanding Basic Neural Networks

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Supervised learning with scikit-learn (Part 3)-Classification using...

A Comprehensive Guide to Classification using Scikit-Learn

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Boost Your Coding Efficiency with These Must-Know One-Liner Hacks!!

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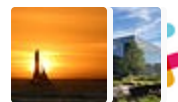


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