Python Programming Learning Resources

1. Official documentation

1. Official documentation
It is highly recommended to get acquinted with the official documentation.
https://docs.python.org/3/

2. Official tutorial
The official tutorial presents contents in an order different from class.
Still, it can be a very good introduction for beginners.
https://docs.python.org/3/tutorial/index.html

3. Standard Library Reference
When using the standard python library, always check the official reference.
https://docs.python.org/3/library/index.html

2. Books

List of free books
https://pythonbooks.revolunet.com/

Below there is a selection of recommended books, in order.

1. Think Python 2e (Pensar en Python)
Good book. Includes solutions to exercises and there is a Spanish version.
https://greenteapress.com/wp/think-python-2e/

2. Python for Everybody (Python para todos)
Another good book. It has a Spanish version, too.
https://www.py4e.com/book

3. Python Practice Book
Clear examples and practice exercises, without solutions.
https://anandology.com/python-practice-book/index.html

4. Automate the Boring Stuff with Python
Book with short projects to do with Python.
https://automatetheboringstuff.com/

5. Additional books
- Python 101: https://python101.pythonlibrary.org/
- Dive Into Python 3: https://diveintopython3.net/
- Learn Python, Break Python: https://learnpythonbreakpython.com/

3. Videos

There are many free courses on YouTube. Below there are a few recommended ones.

Courses in Spanish:

1. Introducción a Programación en Python | FreeCodeCamp
- https://www.youtube.com/watch?v=DLikpfc64cA
- 4 horas. Tipos, bucles, funciones, recursión, archivos, excepciones.

2. Curso Python desde 0 | Píldoras Informáticas
- https://www.youtube.com/playlist?list=PLU8oAlHdN5BlvPxziopYZRd55pdqFwkeS
- Vídeos largos (de 10 a 20 mins). Son claros y van poco a poco.
- Temario: Parte básica, OOP, GUIs, DBs, Regexps, Decorators, Threads, Sockets

3. Curso Python para principiantes (desde cero) | Academia Coder
- https://www.youtube.com/playlist?list=PLs-v5LWbw7JkIz8145zh7_ioAnXON_cMj
- Vídeos de 15 minutos aprox.
- Temario: Tipos, Binary search, OOP, Regexps, Files, TKinter

Courses in English:

1. Python for Everybody - Full University Python Course | FreeCodeCamp
- https://www.youtube.com/watch?v=8DvywoWv6fI
- 14horas. Introducción con proyectos: web services, DBs, Data Visualization

2. Intermediate Python Programming Course | FreeCodeCamp
- https://www.youtube.com/watch?v=HGOBQPFzWKo
- 6 horas. Colecciones, Lambdas, Json, Decorators, Generators, Threads, Copy, *

4. Web development

Full Stack Python contains a comprehensive overview of technologies used in web development.
https://www.fullstackpython.com/