



Python Zero To Advanced Level

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BASIC

1. Variables.
2. Conditionals.
3. Loops.
4. Functions.
5. Strings.
6. List.
7. Tuple.
8. Dictionary.
9. File operations.
10. Common Methods.

INTERMEDIATE

1. OOPS.
2. DSA.
3. Comprehensions.
4. Lambda Functions.
5. Exceptions.
6. Collection Module
7. Map and filter.
8. *args and **kwargs
9. Dunder methods.
10. PIP.
11. Env(Environment).
12. Making Modules.
13. Async.io
14. Advanced Class Behavior.
15. Best software engineering practices.

ADVANCED

1. Decorators.
2. Generators.
3. Iterator Protocol.
4. Context Manager.
5. Meta classes.
6. Concurrency And Parallelism.
7. Global interpreter lock, multi processing, multi threading etc.
8. Testing.
9. Managing packages.
10. Cython(If needed).

These are the language specific topics in python; from intermediate level or even after basic level one can start learning the domain specific sections.

