

Python Programming

Day -1 (lecture - 3 hrs

hands-on practice - 3 hrs)

- Setup Anaconda and Jupyter Lab for Python programming
- Understand the data types, variables and arithmetic operators
- Learn the common builtin functions
- Learn Ordered Collections - lists, tuples and range

Day -2 (lecture - 2 hrs

hands-on practice - 3 hrs)

- Learn Unordered Collections - Set, Dictionary
- Learn String type and its manipulations
- Learn control statements, if-else, elif blocks

Day -3 (lecture - 2 hrs

hands-on practice - 3 hrs)

- Learn types of loops; for, while
- Learn Zip operations
- Understand how to create user defined functions and its usage
- Learn Exception handling

Reference:

<https://ebooks.mobibootcamp.com/python/index.html>