Syllabus

The below mentioned topics will be covered in 4 days (2 hours each day).

Unit 1:

- Introduction to Python
- Installing Python on windows, mac, linux
- Using Python builtin IDE (IDLE)
- Introduction to Variables, Numbers and strings

Unit 2:

- Using builtin [string](#) methods
- Introduction to List and [Tuple](#)
- Introduction to Dictionary
- Introduction to sets

Unit 3:

- Using builtin functions
- Using List methods
- Using Dictionary methods

Unit 4:

- Introduction to [loops](#)
- Using for/while
- Using [loops](#) with range function

Unit 5:

- Using [loops](#) with dictionary, list, [tuple](#) and sets
- Introduction to conditionals
- Using if-elif-else
- Using if-conditionals with dictionary and list

Unit 6:

- Introduction to functions
- Creating and using custom functions
- Introduction to function arguments