Main Topic	Sub Topic	Details * = with pre-written code ** = with live coding
1 Installing	1.1 Installing Anaconda	-
	1.2 Installing VS code	-
	1.3 Print function	1 Print function*
2 Basic Python	2.1 Variables and Datatypes	1 Declaring Variables* 2 Type function* 3 Data types
	2.2 Int and Float	1 Declaring Int and Float* 2 Math operations* 3 Round function*
	2.3 String	1 Declaring String* 2 String operation* 3 Int function* 4 Upper-Lower function* 5 Find function* 6 Replace function*
	2.4 List	1 Declaring List* 2 Indexing* 3 Len function* 4 Append function* 5 Insert fuction* 6 Pop function*

	2.5 Dictionary	1 Declaring Dictionary* 2 Referring* 3 Keys function* 4 Values function*
	2.6 Boolean and Comparison	1 Declaring Boolean* 2 Comparison* 3 In List* 4 In String* 5 And-Or*
	2.7 Input	1 Input*
	2.8 Code Challenges	1 CodeChallenge1** 2 CodeChallenge2** 3 CodeChallenge3**
3 Conditional Programming (if-else)	3.1 If-else statement	1 If statement* 2 else statement*
	3.2 Else if statement	1 elif statement*
	3.3 Code Challenges	1 CodeChallenge1** 2 CodeChallenge2**
4 Loop (For-While)	4.1 For loop in range	1 Range* 2 For loop in range*
	4.2 For loop in list	1 For loop in list*
	4.3 While loop	1 While loop* 2 While true*
	4.4 Loop breaking	1 Break*
	4.5 Code Challenges	1 CodeChallenge1** 2 CodeChallenge2**

5 Functional Programming	5.1 Function basics	1 Function without parameters*
		2 Function with parameters*
	5.2 Function with return	1 Function with return1*
		2 Function with return2*
	5.3 Global vs Local variables	1 Global vs Local variables*
	5.4 Lambda function	1 Lambda function as a variable*
		2 Anonymous function*
	5.5 Code Challenges	1 CodeChallenge1**
		2 CodeChallenge2**
6 Iterable (set, tuple, list)	6.1 Set and Tuple	1 Declaring Set*
		2 Declaring tuple*
		3 Loop in Set and Tuple
	6.2 List comprehension	1 List comprehention*
		2 List comprehention with if*
	6.3 List Slicling	1 List slicing*
	6.4 Code Challenges	1 CodeChallenge1**
7 Object Oriented programming	7.1 Class and Object	1 Class and Obect basics
	7.2 Creating Class and Object	1 Creating Class and Object*
		2 Manipulating objects's attributes*
	7.3 Methods	1 Define and use method*
	7.4 Init method	1 Definie and use Init method*
	7.5 Inheritance	1 Inheritance1*
		2 Inheritance2*
	7.6 Encapsulation	1 Private vs Public attributes*
		2 Use of encapsulation*

	7.7 Code chalanges	1 CodeChallenge1**
		2 CodeChallenge2**
8 Libraries and File management	8.1 Import	1 File management
		2 Import*
		3 Import...as*
		4 From...Import*
	8.2 Libraries	1 pip install
		2 Import libraries*
9 Python notebook (ipynb)	9.1 ipynb file	1 using ipynb file*
	9.2 Google Colab	1 using Google Colab