



Basic Python Programming

Sr No.	Course	Hours
1	Introduction to Python <ul style="list-style-type: none"> • Setup Python Interpreter • Pycharm and Python Installation 	1
2	Variables and Assignment <ul style="list-style-type: none"> • Numbers, Strings, Lists • Tuples, Dictionary 	2
3	Data Structures <ul style="list-style-type: none"> • Lists as Stacks • Lists as Queues • List Comprehension • Nested Lists Input and Output	2
4	Control Flow Statements <ul style="list-style-type: none"> • If Statements • For Statements • Range() function • Break and continue statement • Else clause for loops 	2
5	Functions <ul style="list-style-type: none"> • Default Argument Values • Keyword Argument Values 	2
6	<ul style="list-style-type: none"> • Classes • Packages 	2
7	<ul style="list-style-type: none"> • Handling Errors 	1
8	Data Analysis	2
9	Project	1
Total		15 Hours

