

SESSION PLAN DAY 2	
Session Name	Handling Program Flow in Python
Learning Outcomes	
<ul style="list-style-type: none"> • Work with conditional statements and loops like if-else, for, while • Read and write to a file with Python • Handle errors and exceptions in Python • Create and work with functions • Programming with the Object-Oriented Paradigm 	
Prerequisites for the Student	
<ul style="list-style-type: none"> • Handling Program Flow in Python concept 	
Student Activities	
<ul style="list-style-type: none"> • Write a Python program to get the Fibonacci series between 0 to 50. Note: The Fibonacci Sequence is the series of numbers :0, 1, 1, 2, 3, 5, 8, 13, 21, Every next number is found by adding up the two numbers before it. • What are the benefits and limitations of using python? • Actively Listening • Overview of Handling Program flow in python <ul style="list-style-type: none"> • Control Statements and Loops • What are the functions? • Object-Oriented Programming • Exceptions and File I/O • Practice problems on Control Statements and loops, Functions, Object-Oriented Programming, Exceptions and File I/O <ul style="list-style-type: none"> • Refer the GitHub repo for problems • Quiz on Handling Program Flow in Python. • Questions and Discussion on doubts - AMA 	
Next Session	
<ul style="list-style-type: none"> • Concept - Manipulating Data with Numpy • Key topics to be highlighted - highlight where they would need to spend more time and importance w.r.t Data Science. <ul style="list-style-type: none"> • Arrays in NumPy • Creating NumPy arrays • Indexing and Slicing NumPy arrays • Applying NumPy hands-on 	
POST READS: of the current session	PRE READ: of next session