

PYTHON			
Days of Week	Session timeline	Course Content Covered	Sub Topics
Week - 1			
Monday	Live Session - 1	Introduction to Python installations, fundamentals	Introduction to data analytics ,Python
Tuesday	Recoding Session	Please watch the recorded video of the live session - 1, which covers topics. You can find it in the Learning Management System (LMS).	
Wednesday	Live Session - 2	Basic Fundamentals	Basic Fundamentals Operators, Conditional Statements
Thursday	Recoding Session	Please watch the recorded video of the live session - 2, which covers topics. You can find it in the Learning Management System (LMS).	
Friday	Live Session - 3	Functions	Loops, Functions Builtin functions, user-defined functions
Saturday	Recoding Session	Please watch the recorded video of the live session - 3, which covers topics. You can find it in the Learning Management System (LMS).	
Sunday	Holiday		
Week - 2			
Monday	Live Session - 4	Data Structure introduction	Data Structure Introduction, Lists, Dictionaries, sets
Tuesday	Recoding Session	Please watch the recorded video of the live session - 4, which covers topics. You can find it in the Learning Management System (LMS).	
Wednesday	Live Session - 5	Python	String, Tuples
Thursday	Recoding Session	Please watch the recorded video of the live session - 5, which covers topics. You can find it in the Learning Management System (LMS).	
Friday	Live Session - 6	Python logical questions	Generators and decorators
Saturday	Recoding Session	Please watch the recorded video of the live session - 6, which covers topics. You can find it in the Learning Management System (LMS).	
Sunday	Holiday		
Week - 3			

Monday	Live Session - 7	File handling	File Handling concepts
Tuesday	Recoding Session	Please watch the recorded video of the live session - 7, which covers topics. You can find it in the Learning Management System (LMS).	
Wednesday	Live Session - 8	Oops	OOPS concepts part - 1
Thursday	Recoding Session	Please watch the recorded video of the live session - 8, which covers topics. You can find it in the Learning Management System (LMS).	
Friday	Live Session - 9	Oops	OOPS concepts part -2
Saturday	Recoding Session	Please watch the recorded video of the live session - 9, which covers topics. You can find it in the Learning Management System (LMS).	
Sunday	Holiday		
Week - 4			
Monday	Live Session - 10	Linear algebra	Linear algebra topics
Tuesday	Recoding Session	Please watch the recorded video of the live session - 10, which covers topics. You can find it in the Learning Management System (LMS).	
Wednesday	Live Session - 11	Data Analysis	Introduction to Numpy
Thursday	Recoding Session	Please watch the recorded video of the live session - 11, which covers topics. You can find it in the Learning Management System (LMS).	
Friday	Live Session - 12	Data Analysis	Introduction to Pandas
Saturday	Recoding Session	Please watch the recorded video of the live session - 12, which covers topics. You can find it in the Learning Management System (LMS).	
Sunday	Holiday		
Week - 5			
Monday	Live Session - 13	Linear Regression Algorithm Explanation from Scratch with Practical Implementation	Data Visualization using Matplot
Tuesday	Recoding Session	Please watch the recorded video of the live session - 13, which covers topics. You can find it in the Learning Management System (LMS).	
Wednesday	Live Session - 14	Graphs	Graphs

Thursday	Recoding Session	Please watch the recorded video of the live session - 14, which covers topics. You can find it in the Learning Management System (LMS).	
Friday	Live Session - 15	Buffer	Buffer Session
Saturday	Recoding Session	Please watch the recorded video of the live session - 15, which covers topics. You can find it in the Learning Management System (LMS).	
Sunday	Holiday		
Week - 6			
Monday	Python Capstone project	Capstone	
Tuesday		Capstone	
Wednesday		Capstone	
Thursday		Capstone	
Friday		Capstone	
Saturday		Capstone	
Sunday		Capstone	