

Date	Topic	Content
15-07-2019 (Day 1)	Module 1: Introduction to Python Programming Paradigm Module 2: Basics of Programming concepts in Python (Loop, Conditionals, Syntax, Data Types and Functions) Module 3: Python: Environment Setup and Basic Implementation (Lab) MCQ	Basics of Python Programming, Loop, Conditionals, Syntax, Data Types and Functions. Anaconda Setup, Jupyter Notebooks.
16-07-2019 (Day 2)	Module 4: Mathematical & Scientific Computing with Python Module 5: Mathematical & Scientific Computing with Python (Lab) MCQ	NumPy Arrays, Quick Note on Array Indexing, NumPy Array Indexing and Operations
17-07-2019 (Day 3)	Module 6: Data Manipulation with Python Module 7: Data Manipulation with Python (Lab) MCQ	Pandas DataFrames and DataSeries, Missing Data, Merging Joining, Operations, Data I/O
18-07-2019 (Day 4)	Module 8: Data Visualization in Python Module 9: Application Development in Python Module 10: Data Visualization in Python (Lab) MCQ	Matplotlib, Setup, Plots, Sub-plots, Grids, Styles, Colors
19-07-2019 (Day 5)	Module 11: Solving Real Life Problem/Case Study (Python) MCQ	Mini Project