Exception Management, Concept of date and time functions

- Types of Python Exceptions
- Handling Exceptions with try/except/finally
- Triggering Exceptions with raise
- Defining New Exception Types
- Implementing Exception Handling in Functions, Methods and Classes
- Working with the Regular Expression Error Exception
- Understanding Time
- The time Module
- The datetime Module
- Live Examples

Working with Functions Arrays, Collections and Dictionaries

- Defining Functions
- Variables and scopes
- Creating Anonymous Functions
- Defining Functions with Arguments
- Defining Flexible Functions that Take Variable Length Arguments
- Sequenced Data Structures
- Arrays, Collections, Dictionaries
- Creating and Accessing Lists
- Manipulating Lists
- Creating and Accessing Tuples
- Understanding the Differences Between Lists and Tuples
- Using Dictionaries to Create Data Records
- Manipulating Dictionaries Using Dictionary Methods
- Creating Sets, Performing Set Operations
- Union, Intersect, Difference
- Differences Between Sets and Dictionaries
- Using Generators to Return Iterators
- Live Examples