

- what is Python, difference between python2 and python3
- basics of Python such as lists, dictionaries etc
- oop features in python (class, inheritance, polymorphism etc.)
- types of application development using python
- introduction to python web development
 - what is a Virtual Environment
 - app routing in python
 - basics of jinja2 template
 - templates in python
 - python modules to perform Database and XML activities
 - how to convert a list into "pandas.DataFrame" object
 - Dynamic URLs using 'url_for'
 - convert the Python code to an executable
 - Installing Python Packages through 'Wheels'
 - what is 'pip', 'pep'
- create a simple application using python flask
- how to handle exceptions in the web application
 - Manually raising (throwing) an exception in Python:
- what are Azure web app
- how to deploy python web app to Azure
- how to configure python web app on Azure
- remote debugging a python web app on Azure
- Continuous Integration/Deployment of a Python web app using VSTS
- introduction to Machine Learning using Python**