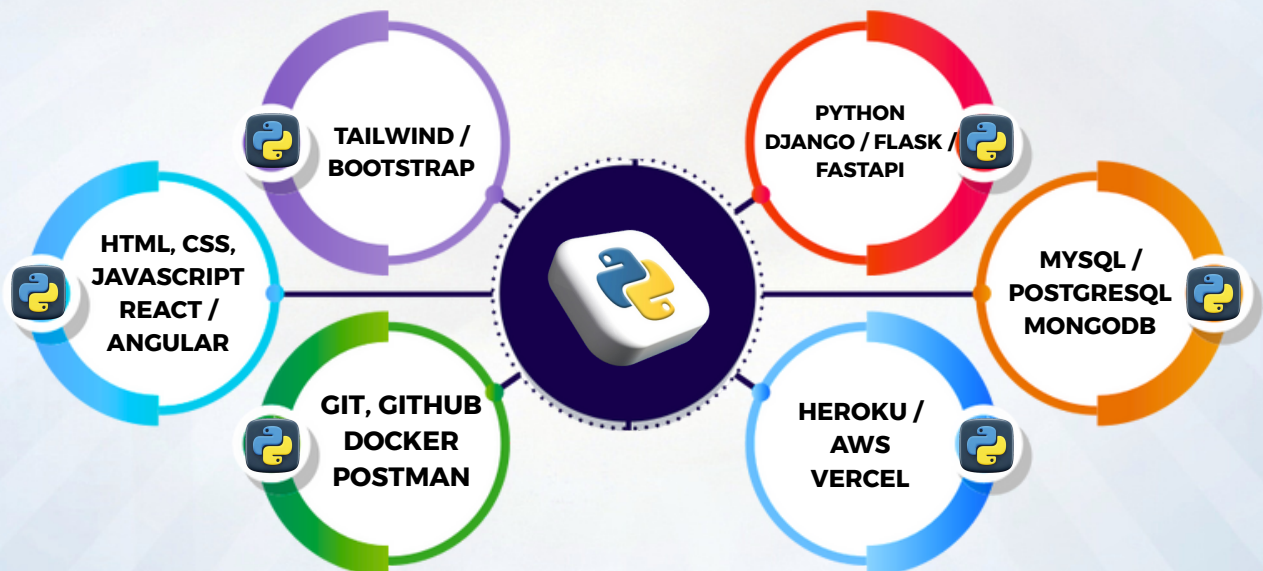




PYTHON FULLSTACK





PYTHON FULLSTACK COURSE CONTENT

CORE PYTHON

- | | |
|---|--|
| <ol style="list-style-type: none">1. INTRODUCTION TO PYTHON2. HISTORY OF PYTHON3. ADVANTAGES & DISADVANTAGES OF PYTHON4. INTRODUCTION TO INTERPRETER5. PYTHON INSTALLATION6. PYTHON PROGRAM EXECUTION FLOW7. PYTHON SYNTAXES8. INTRODUCTION TO IDE (ECLIPSE, PYCHARM)9. PYTHON PROGRAM DEVELOPMENT10. IDENTIFIERS, KEYWORDS11. BASIC DATA TYPES12. DYNAMIC TYPING13. TYPE CONVERSION FUNCTIONS14. OPERATORS15. OPERATOR PRECEDENCE16. INPUT/OUTPUT17. READING USER INPUT18. DISPLAYING OUTPUT19. FORMATTING OUTPUT20. VARIABLES, EXPRESSIONS21. OPERATORS22. SELECTION CONTROL STATEMENTS (IF, IF..ELSE)23. RANGE DATA TYPE ,INDEXING AND SLICING24. ITERATIVE CONTROL STATEMENTS (WHILE, FOR..IN, WHILE...ELSE, FOR..IN .. ELSE)25. TRANSFER CONTROL STATEMENTS (BREAK & CONTINUE) | <ol style="list-style-type: none">26. PYTHON STRINGS27. LIST28. TUPLE29. SET30. DICTIONARY31. FUNCTIONS32. DEFINITION AND ADVANTAGES OF A FUNCTION33. UNDERSTANDING SCOPE34. DEFAULT ARGUMENTS35. KEYWORD ARGUMENTS36. VARIABLE LENGTH ARGUMENTS37. LAMBDA EXPRESSIONS38. DOCUMENTATION & ANNOTATIONS39. TYPES OF ARGUMENTS40. SCOPE OF VARIABLES41. GLOBAL VARIABLES42. LOCAL VARIABLES43. NESTED FUNCTIONS44. LAMBDA FUNCTIONS45. EXCEPTIONS46. SYNTAX ERRORS VS RUNTIME ERRORS47. HANDLING, RAISING EXCEPTIONS48. BUILT-IN EXCEPTIONS49. MEMORYERROR50. NAMEERROR51. VALUEERROR52. TYPEERROR53. USER-DEFINED EXCEPTIONS54. CLEAN-UP ACTIONS |
|---|--|



PYTHON OOPS AND ADVANCED CONCEPTS

55. INTRODUCTION TO OOPS 56. OOPS PRINCIPLES
57. CLASSES AND OBJECTS 58. INSTANCE VARIABLES
59. INSTANCE METHODS
60. CLASS VARIABLES,
61. CLASS METHODS
62. CONSTRUCTORS
63. INHERITANCE
64. ABSTRACT CLASSES
65. INNER CLASSES
66. EXCEPTION HANDLING
67. REGULAR EXPRESSIONS 68. FILE HANDLING
69. ACCESSING (READING / WRITING) FILES
70. SERIALIZATION
71. MULTITHREADING
72. INTRODUCTION TO DATABASE
73. PYTHON DATABASE CONNECTIVITY
74. CRUD OPERATIONS WITH DATABASE 7
5. UNIT TESTING
76. MINI PROJECTS DEVELOPMENT
77. DEBUGGING

DJANGO FRAMEWORK

78. INTRODUCTION TO WEB DEVELOPMENT
79. INTRODUCTION TO DJANGO FRAMEWORK
80. FEATURES OF DJANGO
81. DJANGO INSTALLATION
82. MVC MODEL
83. HTTP CONCEPTS
84. VIEWS
85. URL MAPPING

TEMPLATES

86. DJANGO TEMPLATE LANGUAGE
87. UTILITIES OF TEMPLATES
88. CREATING TEMPLATE OBJECTS
89. TAGS, VARIABLES AND FILTERS
90. RENDERING TEMPLATES
91. TEMPLATE INHERITANCE

DJANGO FORMS

92. FORM HANDLING
93. FORM CLASSES
94. FORM VALIDATIONS AND ERROR MESSAGES
95. FORM DISPLAY
96. CAPTURING FORM DATA
97. ADVANCED FORM PROCESSING



DJANGO MODELS

- 98. DJANGO MODELS
- 99. MODEL FIELDS
- 100. MODEL INHERITANCE
- 101. PRIMARY KEYS AND THE MODEL
- 102. DYNAMIC WEBPAGES
- 103. TOGGLE HIDDEN CONTENT
- 104. JQUERY AND AJAX INTEGRATION
- 105. SERIALIZATION AND DESERIALIZATION

REST API DEVELOPMENT

- 106. DJANGO REST FRAMEWORK
- 107. REST PRINCIPLES
- 108. SERIALIZER CLASS
- 109. MODEL SERIALIZERS
- 110. REST APIS
- 111. JSON, PARSING OBJECT TO JSON AND BACK
- 112. SWAGGER
- 113. POST MAN
- 114. REST CLIENT DEVELOPMENT
- 115. REST SECURITY

MISC DISCUSSION

- 116. PAGE REDIRECTION
- 117. SENDING EMAILS
- 118. DEPLOYING DJANGO FRAMEWORK
- 119. GENERIC VIEWS
- 120. FILE UPLOADING
- 121. COOKIE HANDLING
- 122. SESSION MANAGEMENT
- 123. MINI PROJECTS DEVELOPMENT

TOOLS

- 124. GIT HUB
- 125. JENKINS

COURSES OFFERING



**JAVA
FULLSTACK**



**PYTHON
FULLSTACK**



**UI
FULL STACK**



LINUX



**CLOUD
COMPUTING**



**DEVOPS
WITH AWS**



DSA



**SYSTEM
DESIGN**



**SOFTWARE
TESTING**



**CYBER
SECURITY**



**DATA
SCIENCE**



**DATA
ANALYTICS**

Our Recently Placed Students

Now it's Your Turn!

