

DVS Python Course Content for DevOps

- Basic Python Concepts
 - History
 - Installation and path setup
- Features
- Disadvantages
- Variable and datatypes
- Data Structures
 - List
 - Tuple
 - Dictionary
 - String
 - Set
- Working with Python If Statements & Programs
- For Loops & Programs
- While Loops & Programs
- Advance Data Structures Manipulation
 - List
 - Tuple
 - Dictionary
 - String
 - Set
- List Comprehension
- Functions
- File Operations
- Regular Expressions
- Exception Handling
- Classes
 - Constructors
 - Inheritance
 - other OOPs concepts
- Import Statements
- Packages

- Modules
 - User Defined Modules
 - Built in Modules
 - Third Party Modules
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- Integrating Python With AWS
 - Configuring AWS CLI
 - Working with AWS command line
- JSON Parser
 - Working with JSON Parser
 - Fetching data from AWS using Python code
- Real Time AWS Automation via python
 - Integrating AWS with Python
 - Working with EC2 resource
 - Automatic Instance Creation
 - Listing the Aws instances
 - Deleting the instances
 - Working with S3 Bucket
 - Automatic S3 bucket creation
 - Listing S3 bucket details
 - Adding data to S3 bucket
 - Deleting data from S3 bucket
 - Deleting S3 bucket
 - Working with RDS
 - Automatic RDS creation
 - Auto listing RDS details
 - Deleting RDS instance