

Python for Serverless Applications and Automation on AWS

In this course, you will start with a robust introduction to Python and then learn how to host a serverless solution with Amazon API Gateway, AWS Lambda and Amazon DynamoDB. You'll then learn about writing and running automation scripts with Python and AWS Systems Manager. This course is designed to give you a conceptual understanding of Python and how to use Python for automation.

Course Roadmap

MODULE 01	Beginning with Python	Developing in a team Roles in software Python introduction	Variables Conditionals Loops	Functions Lists Dictionaries
MODULE 02	Serverless Architectures	Microservices AWS Lambda APIs Amazon API Gateway	AWS Serverless Application Model (AWS SAM) AWS SDKs AWS Identity and Access Management (IAM) roles	
MODULE 03	AWS for Databases	Amazon Relational Database Service (Amazon RDS) Database integration	AWS Secrets Manager Amazon DynamoDB	
MODULE 04	Python and Automation	Automations in Python AWS Systems Manager Writing automations	Python automations for Support and Operations	