Python - Beyond the Basics :

Welcome to the course!

This course is aimed for individuals who have basic knowledge of Python and are hoping to enhance their skills one step further. The modules covered in the course would give individuals enough knowledge for them to enable their skills to become solid.

Python - Beyond the basics will open doors for a Basic Python Developer and walk them through the journey to becoming an Intermediate Level Developer.

So, if you're hoping to polish your Python skills and get confident in your abilities then get onboard as we go beyond the basics!

Module 1

- F-Strings
  - String formatting
  - What are F-strings
  - Advantages of F-strings

- Course & Instructor Intro - Anusha Cassum

Module 2

- *args and **kwargs
  - What are *args and **kwargs
  - Unpacking with Asterik Operators
  - Using *args in Python
  - Using **kwargs in Python

Module 3

- Comprehensions
  - List/Dictionary/Set Comprehensions
  - Examples of Comprehensions
  - Nested Comprehensions

Module 4

- Lambda Functions
  - What are lambda functions
  - Map with Lambda
  - Filter with lambda
  - Reduce with lambda

Module 5

- Generators
  - Pre-requisites: Understanding Iterators
  - What are generators
  - Using generators
  - Understanding generators

Module 6

- Classes & Objects
  - What are classes
  - Class Methods vs Instance Methods
  - Static Methods
  - Dunder Methods
  - Example

Module 7

- Decorators
  - Prerequisites of decorators
  - Closures
  - Creating Decorators
  - Chaining decorators

- Course Summary