

## **Deep Dive in Django Framework**

1. Introduction to Django
2. Django MVT Architecture
3. Making Django Project
4. Static and Dynamic Routing
5. Dynamic Routing with Path Converters
6. URL Mapping
7. Templates in Django
  - a. Django Template Engine
  - b. Variables
  - c. Tags and Loops
  - d. Conditionals
  - e. Filters and Comments
  - f. Code Templates in Django
  - g. Relative URLs
  - h. Template Inheritance
  - i. Static File in Django
8. Django Models
  - a. Models in Django
  - b. Models in Code
  - c. Implementing Models
  - d. Exploring Model in Admin Interface
  - e. Build in Field Validation
  - f. Many to one Relationship
  - g. Many to Many Relationship
  - h. One-to-One Relationship
9. Django Forms
  - a. Creating Forms
  - b. Rendering Forms
  - c. DOM fields
  - d. Collecting Data via Django Form
  - e. Basic form Validation
  - f. Initial form Data
  - g. Form Field Widgets and labels
  - h. Model Form
10. Operations on Models
  - a. Create a User Model
  - b. Retrieve and Update the User
11. Written Evaluation in Django