

## Day - 1

- **Course Overview**

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- **Starting a Django Project**

- Introducing Django
- Prerequisites
- Project Preview
- Installing Django
- Starting a Project
- Review

- **Creating a Simple Web Page**

- Creating a Django App
- Adding a Page
- When It Doesn't Work
- Django and the Flow of Control
- Adding an About Page
- Review

- **Setting up a Data Model**

- Introducing Models and Migrations
- Running Initial Migrations
- Creating a Model Class
- Creating and Running Migrations
- The Admin Interface
- Bringing It All Together
- Adding a Second Model Class
- Combining Model, View, and Template

## Day - 2

- **Combining Model, View, and Template**

- Introducing Templates and the MTV Pattern
- A Template for the Welcome Page
- Template Variables and Dynamic Content
- Review: Templates
- Completing the MTV Pattern
- Taking a Parameter from the URL
- Returning a 404 Error
- Review

- **Urls and Link Building**

- Project Structure Overview
- A Template with a For Loop
- Link Building
- Listing All Rooms: An Exercise
- Best Practice for Urls and Apps
- Review

- **Templates, Styling, and Static Content**

- Adding Styling with CSS
- Adding an Image
- Template Inheritance
- Review

- **Adding User Interaction with ModelForms**

- A Template with a ModelForm
- Submitting the Form
- Understanding the Program Flow for Processing a Form
- Processing User Input
- A Note About Validation and Security
- Customizing Form Fields and Validation
- Review