

DJANGO

FRAMEWORK

DURATION: 5-7 WEEKS

DIFFICULTY: INTERMEDIATE



1

INTRODUCTION TO DJANGO

- Introduction to MVC framework
- HTTP request and response
- Django installation
- Environment setup

2

DJANGO APP ARCHITECTURE

- *manage.py* arguments
- *App settings.py*
- App url path
- Creating first django web-application

3

DJANGO MODELS

- Model fields
- Field options
- Model relationship
- *makemigrations* and *migrate*

4

DJANGO ADMIN

- Admin options
- ModelAdmin
- Users and groups
- Django app Admin dashboard

5

URLS AND VIEWS

- Url patterns and configurations
- View functions and classes
- Queryset
- Model viewset

6

DJANGO FORMS

- Forms and ModelForm
- Form validation
- HTML forms
- Working with form templates

7

STATIC AND TEMPLATE

- Configuring static files
- Front-end template framework
- Template tags and filters
- Template inheritance

8

WEB APPLICATION TOOLS

- Caching
- Sending emails
- Pagination
- Sitemaps

9

PROJECT WORK & DEPLOYMENT

- Django powered CRM web-app
- Deploying Django app in Amazon EC2

COURSE HIGHLIGHTS

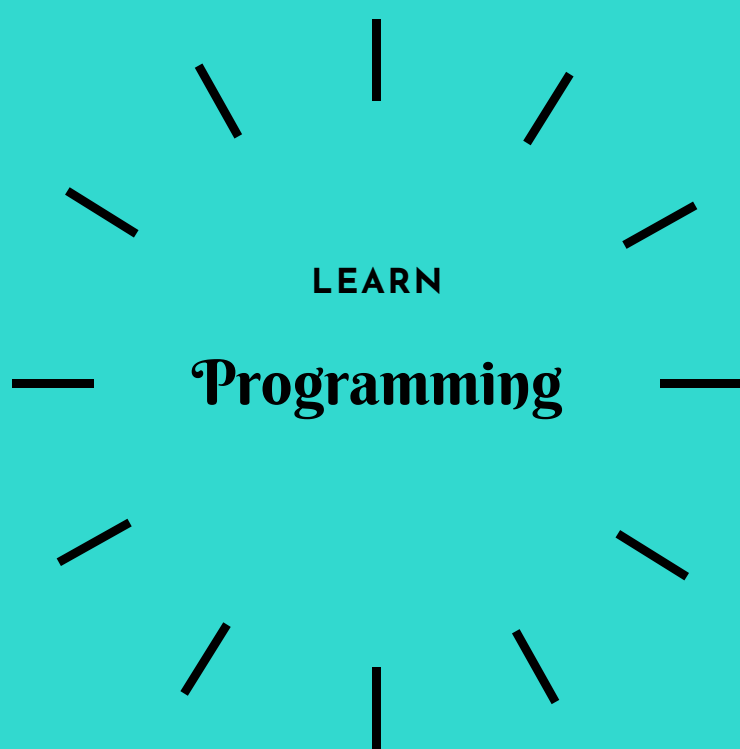
- Duration: 5 weeks
- Difficulty: Intermediate
- Weekday batch: Mon, Wed, Fri
- Weekend batch: Sat-Sun
- Training Medium: Online/Classroom
- Course Fee: INR 9, 999
- Lab setup: Python 3.8, Django 2.2, Sublime text 3

REST FRAMEWORK

- Introduction to Rest API
- Working with JSON module
- Serialization
- Requests and responses
- Class based views
- Authentication and permission
- Relationships and Hyperlinked API
- Viewsets and routers

GIT REPOSITORY FOR DJANGO PROJECT

- Duration: 2 weeks
- Difficulty: Advance
- Weekday batch: Mon, Wed, Fri
- Weekend batch: Sat-Sun
- Training Medium: Online/Classroom
- Course Fee: INR 5,000 (Excluding Django)
- Lab setup: Django Rest Framework



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CONTACT

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