django

Django Training + Certification

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Intro to the **Django Program**

Django is an advanced Web framework written in Python that makes use of the model view controller (MVC) architectural pattern. Django was created in a fast-moving newsroom environment, and its key objective is to ease the development of complicated, database-driven websites.

About the **Django Certification**

This course is designed for clearing the TechVidya Django Certification. The entire course content is in line with the certification program and helps you clear the certification exam with ease and get the best jobs in top MNCs.

As part of this training, you will be working on real-time projects and assignments that have immense implications in real-world industry scenarios.

At the end of this program, there will be an assessment that perfectly reflects the type of questions asked in the certification exam and helps you score better marks.

TechVidya Course Completion Certificate will be awarded upon the completion of the project work and upon scoring at least 60% marks in the final assessment.

Objectives of the **Django Certification**

- Develop full-stack web sites based on content stored in an RDMS
- Use python data types appropriately
- Define data models
- Understand the architecture of a Django-based web site
- Create Django templates for easy-to-modify views
- Map views to URLs
- Take advantage of the built-in Admin interface
- Provide HTML form processing

Prerequisites of the **Django Program**

The pre-requisite for course is basic knowledge of Object Orientated Programming Language. Knowledge of Objective C, Java, JavaScript will add more value.

Modules covered under **Django Training Program**

Module 1 : Django : An Introduction
- What is Django ?
- Features of Django
- Advantage of Django
- MVC & MVT
- Installing Django

Module 2 : Django Views
- Your First View
- Mapping urls to Views
- How django process a request..?
- Url patterns
- Regular expressions
- 404 Errors

Module 3 : Django Templates
- Template Basic
- Dictionaries and Contexts
- Built-in Tags & filters
- Custom Tags & filters
- Using Templates in Views

Modules covered under **Django Training Program**

Module 4 : Django Models
- Define models
- Setting up database access
- Creating django apps
- Defining model fields
- Creating a model
- How to create tables for models in Database
- Adding Model String Representations
- Inserting & updating Data
- Filtering Data
- Ordering Data
- Slicing Data
- Deleting Objects

Module 5 : Django Admin Interface
- Enabling admin interface
- Creating admin user

Module 6 : Django Forms
- Forms in Django
- Searching Query
- GET & POST methods
- Form fields in Django
- Simple validation
- Custom Validation
- Building a form in Django
- Placing form instance into the templates context

Modules covered under **Django Training Program**

Module 7 : Django User Authentication
- User objects
- Using the Django authentication system
- Authentication Views
- Extending the existing User model
- Build a login-logout application

Module 8 : Django Class Based Views
- View()
- TemplateView()
- CreateView()
- ListView()
- DetailView()
- FormView()
- UpdateView()
- DeleteView()

Module 9 : Django Pagination
- Function based pagination
- Class based pagination

Module 10 : Django Mail Sending
- Configure email setting
- Send_mail funtion

Modules covered under Django Training Program

Module 11 : Django - Generating Output In Other Format
- Introduction to Generating output in other format.
- How to use output in Other Format

Module 12 : Django Session Framework
- Introduction about Sessions & cookies
- How to use sessions.?
- Using sessions in views
- Authentication in web requests
- Login & Logout with session

Module 13: Django Middleware
- Activating middleware
- Write your own middleware
- Expire session due to inactivity

Module 14 : Django Rest API Framework
- Introduction to Django Rest API Framework
- How to use Django Rest API Framework

Module 15 : Deploying Django Project
- Introduction to Deploying Django Project
- How to use Deploying Django Project

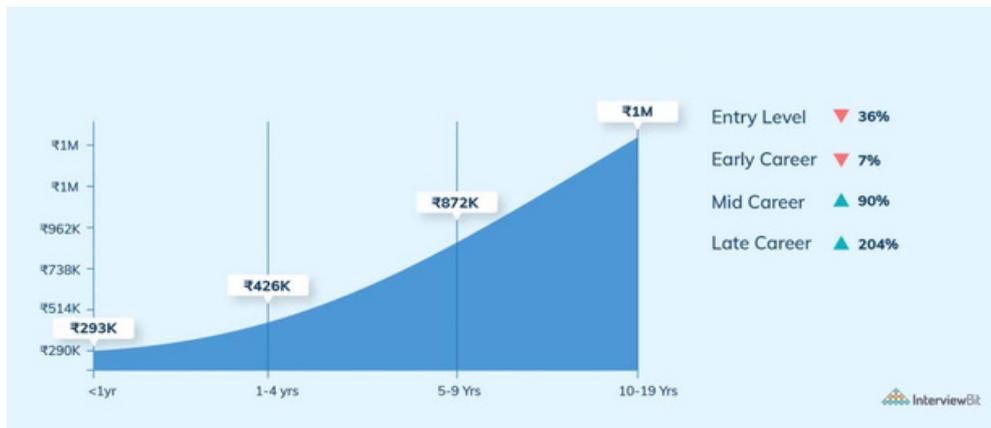# Modules covered under **Django Training Program**

Module 16 : Django Projects
- Introduction to Django Project
- How to use Django Project

Module 17: Interview Preparation
- Covering all the concepts
- Project Work
- Resume Prepration
- Interview Question Prepration

Benefits as **Django**

Entry Level	▼ 36%
Early Career	▼ 7%
Mid Career	▲ 90%
Late Career	▲ 204%

Our Training Benefits as **Django Program**

- Our complete training is constructed as per the current industry standard.
- Live Project & Industrial Based Training.
- One of the biggest team of Certified Expert & Competent Trainers.
- Easy to understand study material.
- Regular and Weekends classes for IT & Software training is provided.
- Interaction, analysis and case studies are an integral part of the training.
- Smart Labs with Real Latest Equipments.
- Students are free to access the labs for an unlimited number of hours
- Free Study Material, e-PDFs, Video Trainings, Sample Questions.
- Globally Recognized Course Completion Certificate.
- The ability to retake the class at no-charge as often as desired.
- One-on-One attention from instructors.
- Helps students to take knowledge of complex technical concepts.
- Post Training Support will help the students.
- Personality Development & Interview Preparation classes.
- 100% Job Assistance with dedicated training & placement team.

Join One of the Best Django Institute in India

(In-Class & Live Online Training by Industry Experts)

5740+
Batches Completed

68806+
Students Trained

470+
Skilled Instructors

Our Latest **Reviews**

Hi All, I am Shilpa and i have done my Certification from TechVidya. The study environment is good and trainers are full of knowledge. I personally recommend TechVidya Institute to all the students who looking for quality education and sincere about there future.

I am grateful to TechVidya - both the faculty and the Training & Placement Department. They've made efforts ensuring maximum number of placed students. The Institute started grooming us for placements in the first few months including courses such as Professional Excellence Program and Professional Skills Enhancement. I suggest to join TechVidya which comes under top 10 IT & Software training institute.

Hi I am Amit Kumar and my Enrollment ID with TechVidya is TV230967. I completed my Certification from TechVidya. They provides IT & Software courses in more practical & real scenario basis. Complete project based training help me to sharpen my technical skills.

TechVidya has always believed in helping and guiding its students and it was no different during the placement time. Regular classes held to help us with our aptitude and technical skills. Recommend to all the students who looking for best computer classes with quality education. Thanks TechVidya for explore my career.

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Career Assistance Services

Career Oriented Sessions — Throughout the Course

Resume & LinkedIn Profile Building — After 70% of the Course Completion

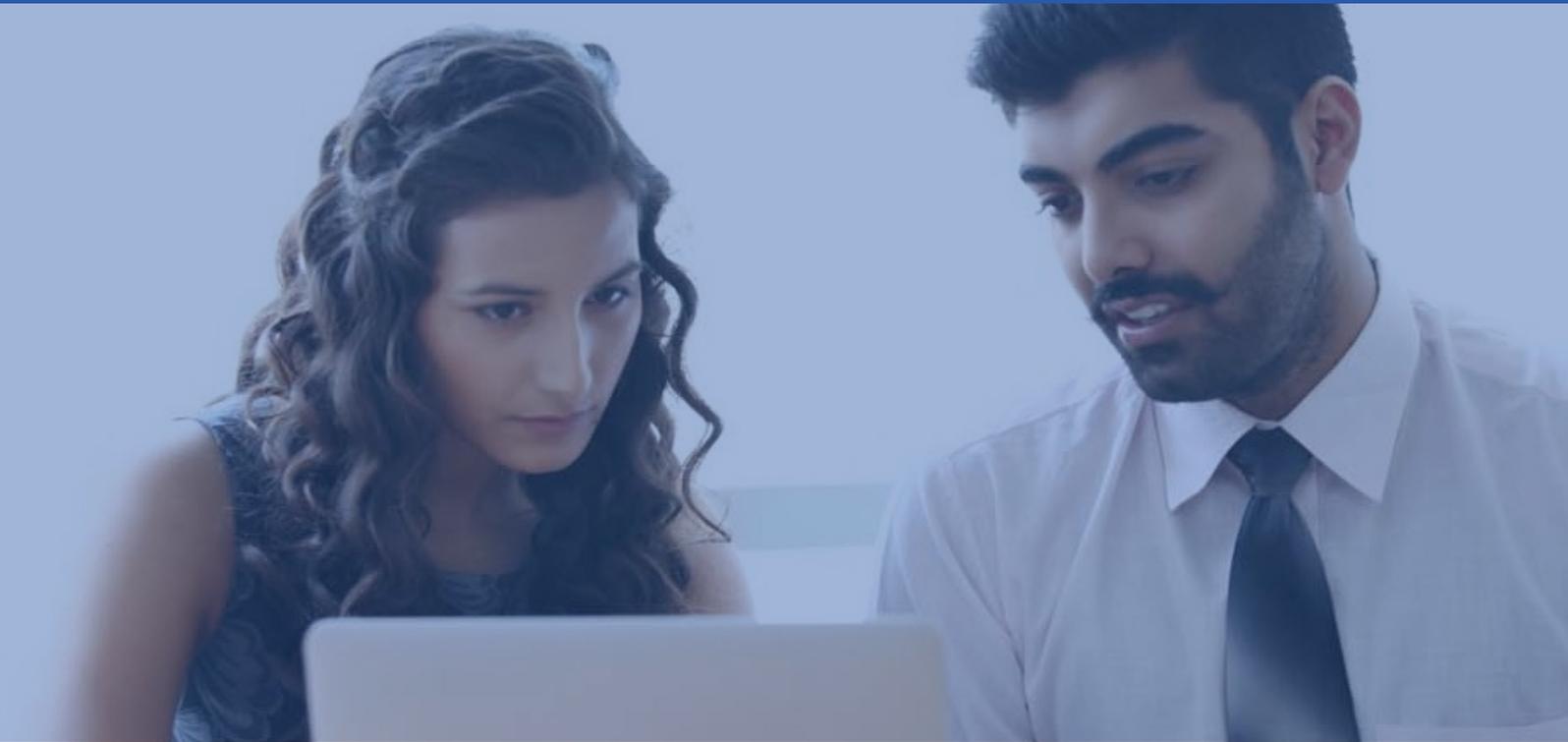**Mock Interview Preparation** — After 80% of the Course Completion

1 on 1 Career Mentoring Sessions — After 90% of the Course Completion

Assured Interviews — After 90% of the Course Completion

1 Year Placement Assistance — After 100% of the Course Completion

Our Top **Placement Partners**

TechVidya In News

ET NOW

08-Jan

ET Now- Startup Central

TIMESNOWNEWS.COM

22-Dec

What skills in demand & how should upgrade?

THE HINDU BusinessLine

14-Nov

Turning executive education into class act

Education TIMES

30-Sep

TechVidya Campaign #StayUpdatedStayAhead

YOUR STORY

02-Sep

How TechVidya enhance learning experience

THE ECONOMIC TIMES

16-Jun

The journey of an EduTech Company

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