Mastering Django

Unleashing the Power of Web Development

SevenMentor PVT.LTD

DJANGO Course Mission

SevenMentor Institute leads the way in providing cutting-edge IT Training and Skill Development across India. We have strived to establish an ideal learning atmosphere at all our training centers. We prepare our students to become dependable future professionals. Our institute aspires to promote universal access to learning for students. To achieve our mission of promoting better learning we invite all students to enroll in our Django Course. Join us today to make a fulfilling career in Django.

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DJANGO STATISTICS:

INDUSTRY INSIGHTS

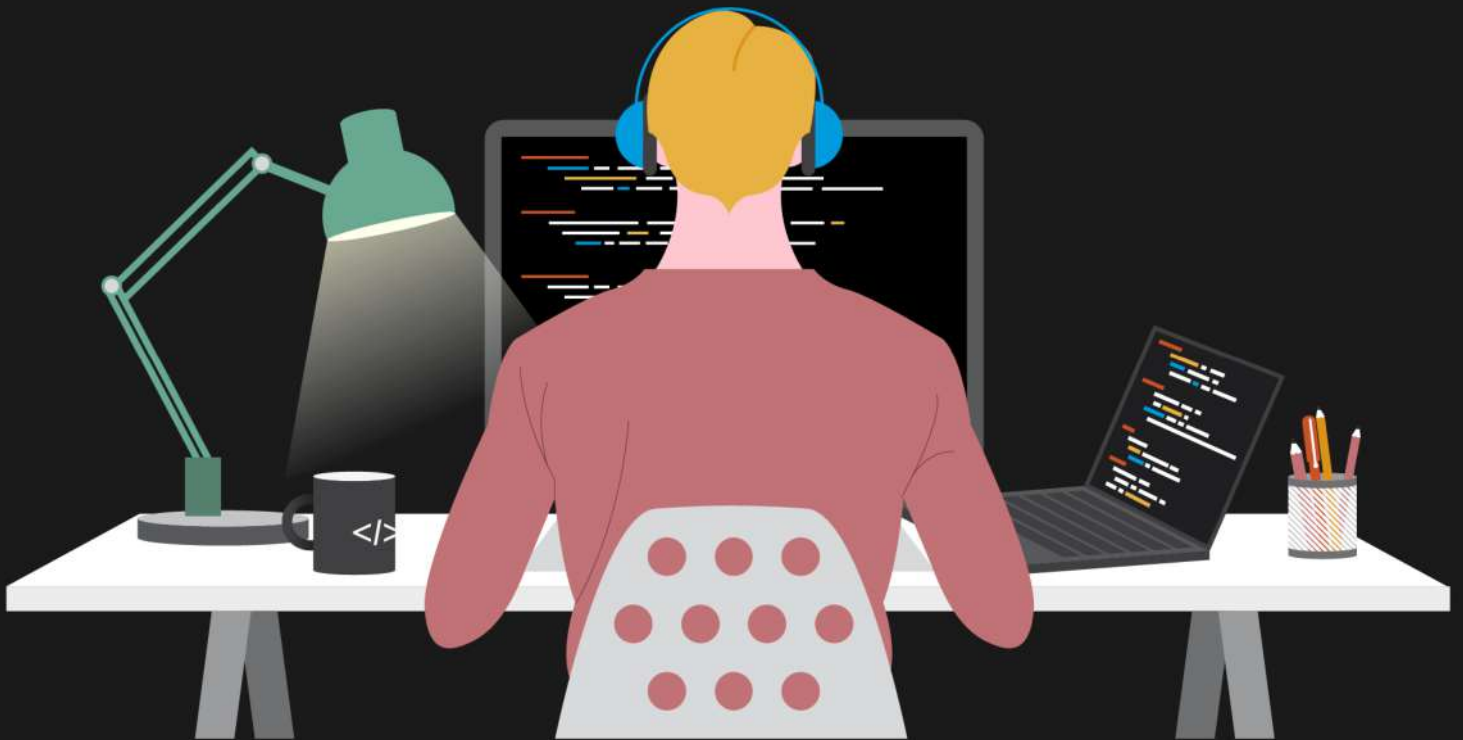**55%** — Companies will use some form of Django based Application

60% — Year on Year Growth For All Django Jobs

Learn **Django** and Be in Demand Always!

Django, the web framework that weaves digital dreams into reality, is your portal to creating robust, dynamic web applications with elegance and efficiency. Picture it as the master architect's blueprint, offering a structured approach to building web solutions that flourish. It's the driving force behind developing websites and applications that can handle everything from social media platforms to e-commerce giants. In the realm of Django, code becomes your building material, and the framework is your skilled craftsman, enabling you to construct feature-rich web experiences and bring your digital ambitions to life.

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DIVE INTO DJANGO:

Mastering Web Development with Python's Dynamic Framework

Embarking on a revolutionary expedition into the expansive realm of web development with Django unveils a universe of limitless potential. Django, much like R in the field of Data Science, stands as a beacon guiding developers through the dynamic landscape of web application creation. It serves as a robust framework, empowering developers with the tools necessary to craft innovative, scalable, and secure solutions that can reshape digital landscapes and revolutionize online experiences.

Be Prepared For Every Scenario!

Gain practical Django experiences through well designedcourses, latest tools and excellent teachers.
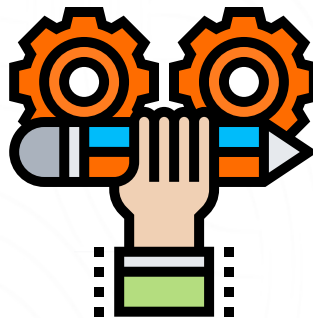
Experienced Faculty

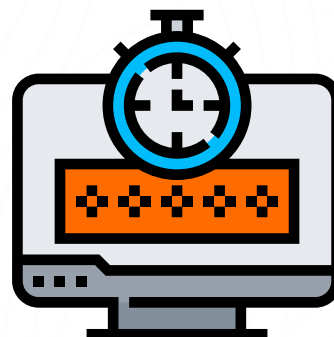**Flexible Scheduling**

Hands-On Learning

Mock Interview Sessions

Real-World Projects

Career Support

Comprehensive Curriculum

Lifetime Access

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Django Prerequisite:

- HTML, CSS, Bootstrap, Python, SQL

Django Architectur

- Django Project MVT Architecture & MVC
- Difference Between MVT and MVC

Routing

- Understanding urls.py and the purpose of it
- Creating urls with names and namespaces
- Building dynamic urls
- Mapping of the urls with the view functions
- Linking the urls of an app in a project with the the root app of the project using 'include

Introduction to Django

- Installation of Django
- Creating a virtual environment for better dependency management
- Setup Django environment
- Create your first sample Django project
- Understanding the project structure of a newly created django project
- Django Admin, Commands and Shell
- Difference between a App and a Project
- Role of Flask and Django

Django views

- Function Based Views
- Django CRUDE operation using function
- What is Render and relative
- Import URL names as Links

Interacting with databases

- What is ORM?
- Benefits of ORM
- Connecting a django project to a database
- Django migrations
- Visualize business data as django models
- Django model Field and field types
- Relationship between django models - One to One,

Built In Django Apps And Web

- Development Concerns
- Authentication system
- Messages framework
- Emailing system

The Django Template System

- Basic Using Template System
- Need for templates
- How to Configure Template
- Template Loading
- Using conditionals and looping in django templates
- Django convention of storing the static assets like images, css and javascript and referencing
- them from the template
- Handling different kind of media files Template Inheritance

The Django Admin Dashboard

- Activating the admin interface
- Customize admin dashboard
- Creating superuser for accessing the backend admin dashboard
- Customizing django admin templates look and feel (perform CRUD Operations)

Session Management

- HTTP as a stateless protocol
- Django session management built in app
- Concept of session management and how it internally uses cookies and session id
- Storing attributes in a session and retrieving from the same session
- Destroying a session using 'flush'

Django Class Based Generic Views

- Introduction Generic Class Based Views
- How to create generic class based views
- Class based CRUDE operation
- Create views
- Retrieve views
- Update views
- Delete views

Rest Web Services

- Web Services and REST
- Django REST framework
- What is serializers?
- Creating Views
- Creating urls
- Update and delete records using
- serializer/django rest freamwork
- POSTMAN details and how to check
- API's in POSTMAN

Get Skills To Fulfill Every Role:

Every student at **SevenMentor** gets personalized guidance, Mentorship, and ample opportunities to address individual questions and concerns. All our sessions are designed to be engaging, interactive, and tailored to your learning pace, ensuring you grasp each concept with clarity.

Sagar Gade

Working as a Data Science Trainer. Has been actively involved in the training sessions with Data Science Aspirants. I have trained more than 300+ professionals and students in Python, SQL, Django, Probability & Statistics, Machine Learning and Data Science. My Total Experience is 2+ years in Python and Data Sci. related areas. Junior Python and Data Analytics post work experience as well as Python Machine Learning Applications.

Deepali Shinkar

She is a versatile professional with strong background in both Python data science and Django web development. Programming language expert with 14 years teaching/training experience in computer science nd information technology. My expertise spans a wide range of data science domains, including machine learning, data analysis, and statistical modeling. I have a deep understanding of Django's architecture and best practices, enabling me to create future-rich and secure web solutions.

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Get Skills To Fulfill Every Role:

Our **Django** Courses are designed for a wide range of people looking for skills and opportunities across all major **IT** sectors

Hands-On Projects: Gain practical experience by working on real-world projects, building a robust portfolio that will impress potential employers.

Career Support: We're dedicated to your success! Benefit from career guidance, resume building, interview prep, and job placement

Flexibility: Our flexible schedule options allow you to learn at your own pace, making it perfect for both beginners and experienced developers looking to upskill.
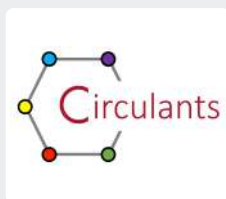
Community: Join a vibrant community of like-minded learners, where you can collaborate, share ideas, and network with peers.

Our Students are at reputed Tech Companies
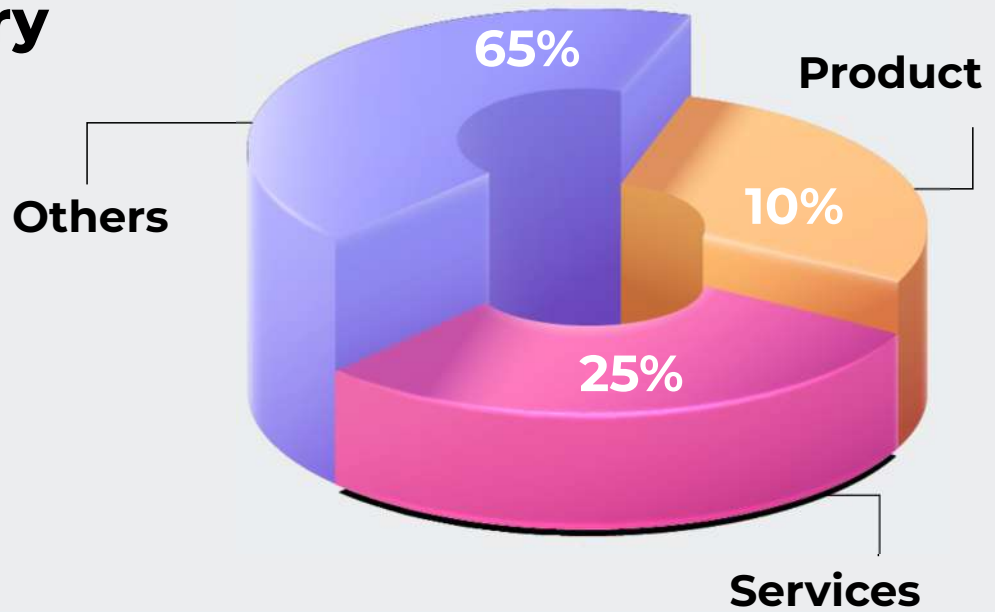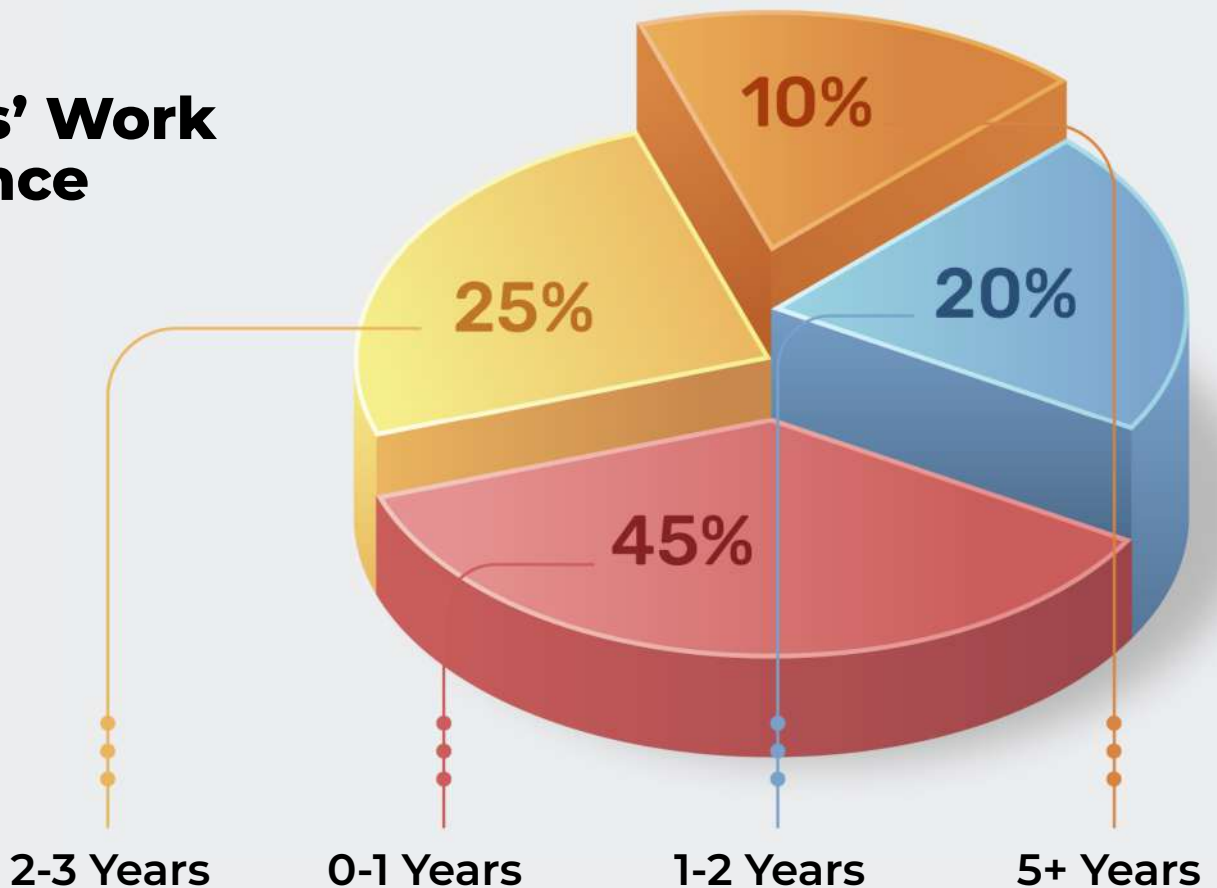
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Simplify Healthcare • OMFYS • Scymes • KALA Genset Source of Power • Altum Credo Home Finance • iNFOWORLD THE SOFTWARE PEOPLE

NABLA INFOTECH • Circulants • SRV media Insights | Ideas | Impact • Rabbit&Tortoise TECHNOLOGY SOLUTIONS • NIMAP INFOTECH FOCUS TO REDEFINE • Integs Cloud

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DJANGO JOBS ARE ALSO VERY STABLE!

The demand for **Django** professionals is growing rapidly, so there is a lot of job security in this field. This can be a great motivator for people who are looking for a stable career.
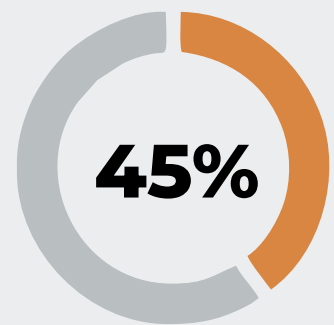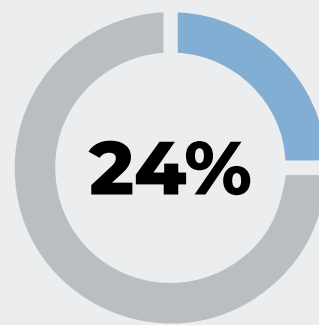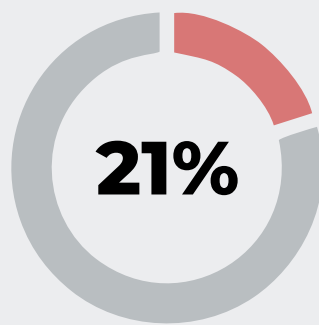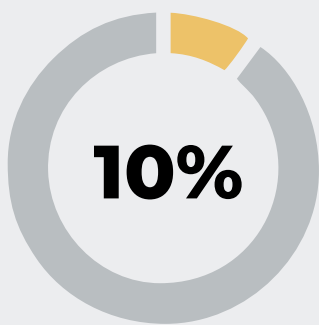
Learners' Industry Background

■ ■ ■

Others 65%

Product 10%

25%

Services

Learners' Work Experience

■ ■ ■ ■

10%

20%

25%

45%

2-3 Years   0-1 Years   1-2 Years   5+ Years

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Learners' Expertise

Non-IT and Others

Tech

Django

Professionals

10%

21%

24%

45%

- -

BOOST YOUR CAREER TO NEW HEIGHTS:

The global Django job market is expected to grow by 44% from 2021 to 2030, creating 3.5 million new jobs.
In India it is expected that 309,000 new Django jobs will be available by 2030, accounting for 9% of the global demand. The average salary for an Django professional in India is approximately Rs. 08 to Rs. 10 Lakhs per annum.

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Affordable Training without Compromise:

SevenMentor understands that investing in your education is a significant decision. Therefore, we provide the most affordable fee structure for our Django course. We also offer flexible fee payment options and have discounts and offers available from time to time. We also accept all modes of payments such as cash, cards and UPI.

Before enrolling you can also schedule one demo training session at no cost. You can contact us for the demo session or detailed fee structure.

HOW TO START YOUR
CAREER IN DJANGO

• Enroll at **SevenMentor Institute**

• Get hands-on training from **Experienced Teachers**

• Receive Industry-recognized **Django Certification**

• Work for leading **MNCs** through our **on-campus interviews**

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WE ARE THERE FOR YOU

If you are interested in learning more about Django training, please contact us. Our team would be happy to answer any questions you have and help you find the right training for you.

Request For Call Back

📞 **020 7117 1500**