



Django

Build a portfolio, create a network,
and land your dream job.



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Welcome



The Job Ready curriculum from Training Basket is a structured, self-paced online instruction that will give you complete knowledge of Django in just two months. As a Django learner, you'll master the HTML & CSS. Our Trainers are from the industry take you through from scratch to the advanced level and give exposure to industry-level projects from the ground up and provide you with a solid foundation in Python. You'll learn about various Data Types of Python. Your course will culminate in the study of Python and Data Types which is the most widely used programming language. Basically Django is Framework, works in Back-End.

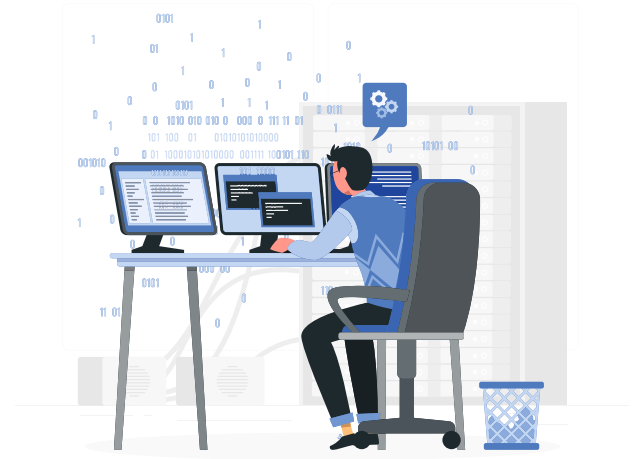
Statistics & Probability enables technical systems to perceive their environment, deal with what they perceive, solve problems and act to achieve a specific goal. This is a one-of-a-kind online learning environment.

Bootcamp-style program that prepares you for a high-paying career in tech

Each unit in the Training Basket curriculum teaches a core concept, skill, language component, or framework. You learn by viewing videos, and you may reinforce your skills by doing interactive programming quizzes and challenges. Mini-exercises will help you implement everything you've learned, and then you'll apply all you've learned in an individually graded, hard assignment with feedback. By completing all 3 projects in this training and passing the final exam, you will receive a Training Basket Certificate of Achievement and have the skills that will better prepare you for entry-level employment as a Django Python Developer.

Designed For Success

Online learning may be difficult, and we understand how difficult it can be to learn on your own. Thankfully, We've created AWARD-WINNING LMS to Learn through 24*7 interactive LMS with PPTs, Videos, Assignments, Case Studies & Quizzes along with a progress tracker with flexibility to match your needs your hectic way of life.



Key Benefits of this Job-ready Training

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Study at your own pace
- 

Live support and an online community
- 

Study and career guidance
- 

A professional and finished portfolio

Our Mission



Training Basket works to make education more inclusive and accessible so that individuals may accomplish their goals. We've taught over 50,000 individuals how to code and design since 2017, and our objective is to achieve long-term, systemic change in the IT industry. Competency-based learning is used in Training Basket training programs to reinforce what students have learned. We've reinvented the learning process and created a tried-and-true approach to help you get the skills and information you need to achieve your objectives. Stay on track with our points system, badges, and weekly activity journal, which has been scientifically proven to enhance motivation. You didn't merely view a video when you finished a course; you learned, practiced, and internalized an idea. Plus, at the end of each lesson, Training Basket walks you through an immersive project, so you'll have a portfolio of work ready to present as soon as you're through. Our Job-Ready programs are geared toward beginners

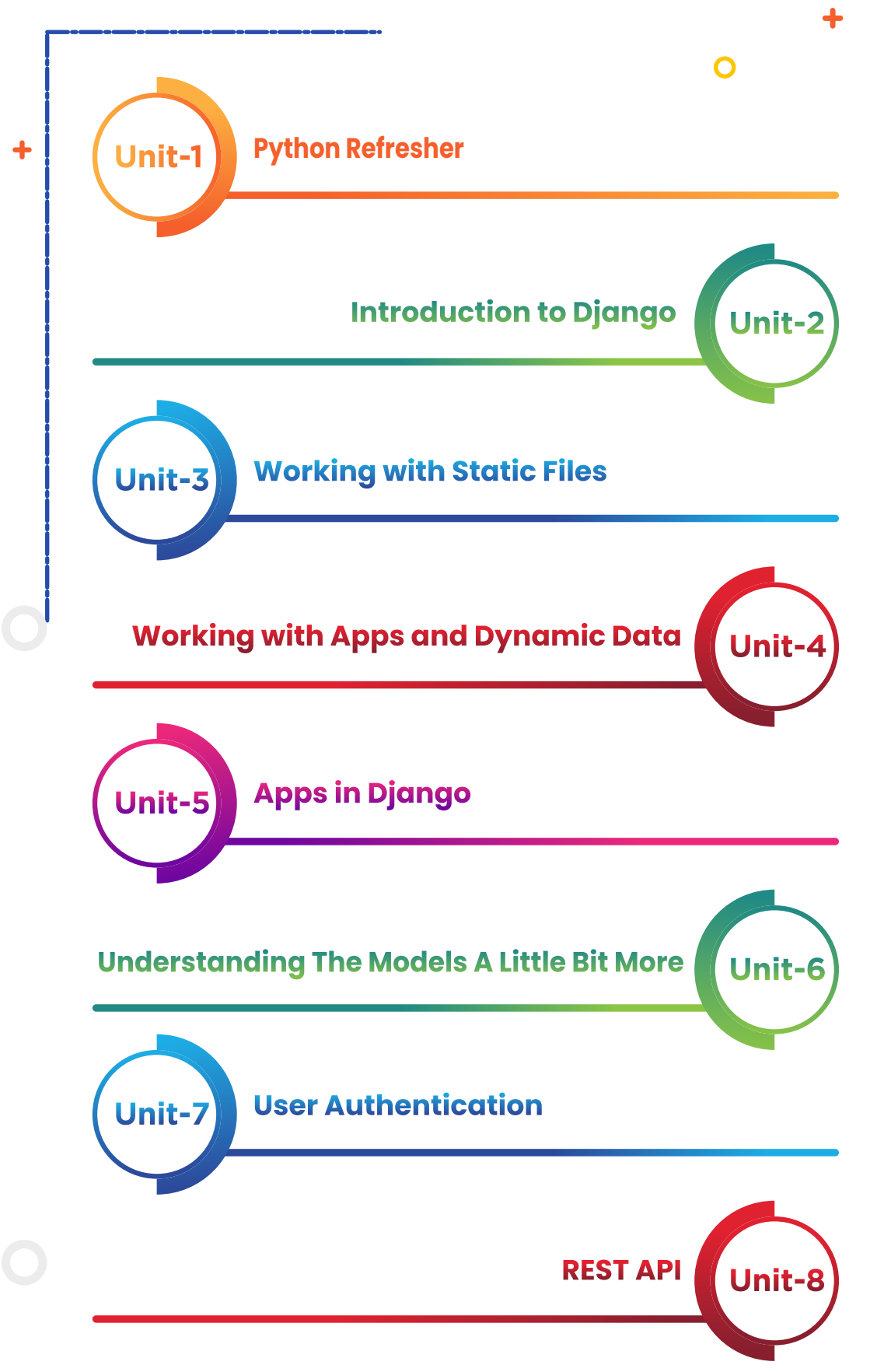
Training Basket's mission is to diversify the tech industry through online-learning

however, if you already have some experience but want to advance, Training Basket offers current and relevant skills to help you reach where you need to go. You'll additionally benefit from the Training Basket Slack, a thriving online community where you can ask questions and network with other students, regardless of your past experience level. You'll have weekly office hours, and Training Basket support professionals will be accessible for advice and encouragement.

We designed this program to be an accessible alternative to bootcamps

We concluded that in order to diversify the IT industry, we needed a curriculum that was fully beginner-friendly, didn't result in student debt and didn't demand any repayment. Many bootcamps cost huge amounts of money, or worse, force graduates to take a share of their salary when they obtain a job. At a fraction of the cost of bootcamps, Training Basket provides high-quality courses, comprehensive learning assistance, and professional expertise.

Units & Overview



Unit-1

Python Refresher

- Data Types and their Methods
- Numbers, String, List, Tuple, Dictionary, Set
- Control Flow -> Conditional Statements and Loops
- Function in Python
- Modules
- Using Existing modules
- Understanding the usage of `__init__.py`
- Working with packages
- OOPs in Python

Unit-2

Introduction to Django

- Explaining Web Framework
- What is MVT pattern
- Installing Django
- Creating the first project
- Running the Django server
- Understanding the settings used in Django
- HTTP concepts
- URL Mapping
- Introduction to Views
- Rendering out the Templates

Project 1 – Creating a Multiple Page Website Using the URLs and Views

Unit-3

Working with Static Files

- Explaining difference between static and dynamic content
- Updating the Django setting wo work with static files
- Linking External CSS and JS to website

Project 2 – Rendering out a bootstrap made theme in Django

Unit-4

Working with Apps and Dynamic Data

- Sending data from views to Templates
- Working with HTML and Django Forms
- Creating a Form that accepts data from a user

Project 3 – Creating a basic Word count web application

Unit-5

Apps in Django

- Introduction to apps in Django
- Understanding the usage of each file in the Apps directory
- Adding the apps to the project
- Creating new apps for a project
- Mapping URL to app views and templates
- Introduction to Models
- Making migrations in Django
- Introduction to Admin Panel

Project 4 – Creating a Blog site having CRUD Functionalities

Unit-6

Understanding The Models a Little Bit More

- Introduction to models, Field Types
- Registering our model to Admin
- Object-Relational Mapping
- Using different Database with our model
- Primary keys and Foreign keys

Unit-7

User Authentication

- Working with Django User Model

Project 5 – Creating a Sign-Up, Login and Logout system for User

Unit-8

REST API

- Introduction to REST APIs
- Introduction to Django REST Framework
- Serialization and De-serialization
- Setting up Views and URLs for API
- Creating a REST API
- Testing our API using Postman

Project 6 – Creating a RESTful API for a shopping website

Final Project – An E-Commerce Website having a store, cart and Payment gateway integrated in it.

Assessment

Our lecturers are working experts in the field of technology who give useful and constructive advice.



This Job-Ready curriculum incorporates project-based learning, which allows you to apply the skills you're learning by working on projects of increasing complexity. Each project you create will be evaluated separately using thorough grading criteria that is specific to that assignment. Aside from an overall grade of Exceeds, You will receive individualized written feedback on your project in the form of Expectations, Meets Expectations, or Needs Work. Don't panic if your project is labeled as Needs Work.

You'll have the chance to fix the problems and resubmit the project for further assessment. As you go through the course, you will show your developing skillset by completing quizzes and coding tasks, culminating in a Final Exam. The Final Exam is your opportunity to demonstrate what you've learned during this Training. You must correctly answer at least 70% of the questions on the Final Exam in order to succeed. If you don't meet that standard, you can study and repeat the exam the next day.

Statistics on a Career

You'll be ready to start your new job in the tech business after you have your Certificate! As an entry-level Django Python Developer, these are some of the options available to you.

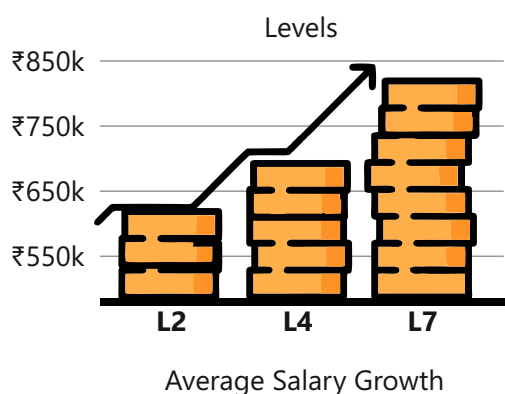
Day to Day Tasks as a Django Python Developer

- Identify and fix bottlenecks that may arise from inefficient code.
- Design and implement Python code using the Django framework.
- Create a wide variety of unit tests to verify the functionality of software.

₹5,50,000

According to Glassdoor.com, the typical base income in INDIA

A typical entry-level Data Analyst job pays ₹50,000 higher per year than the National Average Wage Index.



With new technologies being invented every day, the IT sector has been rising year after year and shows no signs of slowing down.

Testimonials

I am satisfied with the training provided by the Training Basket. Course content, Topics, Faculty, and support team were excellent. I strongly recommend Training Basket to anyone willing to learn.

- Piyush

Training Basket is the best learning platform where we can learn multiple courses and help us to boost our careers. My Trainer was so energetic and able to explain every topic very decently. He also encouraged me to participate in daily assignments and discussions. So I want to say thanks to the Training Basket team.

- Madhubala Kumari

I am genuinely impressed by Training Basket. The course content was perfect, Knowledgeable Trainers, Awesome training delivery system (offline & online). I am thankful to the Training Basket for such incredible support.

- Rachit Kumar

Partnerships

We collaborate with a number of IT businesses to guarantee that our students receive the most up-to-date and relevant education possible.



Companies With Which We Collaborate

