

Creating Forms in Django

Spoken Tutorial Project

<https://spoken-tutorial.org>

FOSSEE project

<https://fossee.in>

National Mission on Education through ICT

<http://sakshat.ac.in>

**Script: Thiagarajar College of Engineering
& FOSSEE project**

Video: Praveen S, IIT Bombay

May 15, 2019



Learning Objectives

In this tutorial, we will learn to



Learning Objectives

In this tutorial, we will learn to

- **Create a Django form**



Learning Objectives

In this tutorial, we will learn to

- ▶ **Create a Django form**
- ▶ **Create views to handle form submission**



System Requirements



System Requirements

- ## ► Ubuntu Linux 16.04 OS



System Requirements

- ▶ **Ubuntu Linux 16.04 OS**
- ▶ **Python 3.5**



System Requirements

- ▶ **Ubuntu Linux 16.04 OS**
- ▶ **Python 3.5**
- ▶ **Python 3.4-venv or higher**



System Requirements

- ▶ **Ubuntu Linux 16.04 OS**
- ▶ **Python 3.5**
- ▶ **Python 3.4-venv or higher**
- ▶ **gedit Text Editor**



System Requirements

- ▶ **Ubuntu Linux 16.04 OS**
- ▶ **Python 3.5**
- ▶ **Python 3.4-venv or higher**
- ▶ **gedit Text Editor**
- ▶ **Firefox web browser**



Pre-requisites

To follow this tutorial, you need to know



Pre-requisites

To follow this tutorial, you need to know

- ▶ **How to create models and HTML templates in Django**



Pre-requisites

To follow this tutorial, you need to know

- ▶ **How to create** `models` **and** `HTML` **templates in** `Django`
- ▶ If not, then please go through the pre-requisite tutorials in <https://spoken-tutorial.org>



Forms

- Forms are used to get data from the user



Forms

- ▶ **Forms are used to get data from the user**
- ▶ **The data is processed on the server side**



Forms

- ▶ Users can provide the data using form elements like text fields, options, etc.



Forms

- ▶ Users can provide the data using form elements like text fields, options, etc.
- ▶ Django has inbuilt libraries that build forms easily



Summary

In this tutorial, we have learnt to

- ▶ **Create a Django form**
- ▶ **Create views to handle form submission**



Assignment

- ## ► Create and edit Article using Django Form



About Spoken Tutorial project

- ▶ Watch the video available at https://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ Conducts workshops and gives certificates
- ▶ For more details, please write to contact@spoken-tutorial.org



Forum for specific questions:

- ▶ Do you have questions in **THIS Spoken Tutorial?**
- ▶ Please visit <https://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ Someone from our team will answer them



Forum to answer questions

- ▶ Questions not related to the Spoken Tutorial?
- ▶ Do you have general/technical questions on the Software?
- ▶ Please visit the FOSSEE Forum
<https://forums.fossee.in/>
- ▶ Choose the Software and post your question.



Acknowledgement

Spoken Tutorial Project is funded by

- ▶ **National Mission on Education through ICT, MHRD, Government of India**
- ▶ **More information on this Mission is available at**

<https://spoken-tutorial.org/NMEICT-Intro>



Thank you

This script has been contributed by:

- ▶ **Thiagarajar College of Engineering**
- ▶ **FOSSEE Project, IIT Bombay**
<https://fossee.in/>

**The video has been recorded by Spoken
Tutorial Project, IIT Bombay**

