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**Delete View in Django 5**

# DeleteView in Django 5 (Class-Based View)

The **DeleteView** is a generic class-based view that provides a **confirmation page** and then deletes a model object from the database.  
It always requires:

1. A **primary key (pk)** or **slug** in the URL → to know which record to delete.
2. A **confirmation template** (<model>\_confirm\_delete.html) or custom template.
3. A **redirect URL (success\_url)** after deletion.

## ✅ Basic Example

### models.py

from django.db import models

class Student(models.Model):

    name = models.CharField(max\_length=70)

    email = models.EmailField()

    password = models.CharField(max\_length=30)

    def \_\_str\_\_(self):

        return self.name

### views.py

from django.views.generic.edit import DeleteView

from .models import Student

class StudentDeleteView(DeleteView):

    model = Student

### urls.py

from django.urls import path

from myapp import views

urlpatterns = [

    path('delete/<int:pk>/', views.StudentDeleteView.as\_view(), name='studelete'),

]

## ✅ Default Template (student\_confirm\_delete.html)

By default, Django looks for <app>/<model>\_confirm\_delete.html  
👉 In this case: student\_confirm\_delete.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Delete Confirmation</title>

</head>

<body>

    <h1>Are you sure you want to delete this student?</h1>

    <form method="POST">

        {% csrf\_token %}

        <input type="submit" value="Delete">

    </form>

</body>

</html>

## ✅ Adding Success URL

If you don’t set success\_url, Django will throw an error (because it doesn’t know where to go after deletion).  
So we must define it.

### views.py

class StudentDeleteView(DeleteView):

    model = Student

    success\_url = '/success/'   # redirect after deletion

### urls.py

from django.urls import path

from django.views.generic.base import TemplateView

from myapp import views

urlpatterns = [

    path('delete/<int:pk>/', views.StudentDeleteView.as\_view(), name='studelete'),

    path('success/', TemplateView.as\_view(template\_name="myapp/success.html"), name='success'),

]

### success.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Deleted</title>

</head>

<body>

    <h1>✅ Successfully deleted student record!</h1>

</body>

</html>

## ✅ Custom Template Instead of Default

If you don’t want to use student\_confirm\_delete.html, you can override template\_name.

### views.py

class StudentDeleteView(DeleteView):

    model = Student

    success\_url = '/success/'

    template\_name = 'myapp/studel.html'   # custom template

# ⚡ Key Points About DeleteView

1. **Needs pk or slug** in URL to know which record to delete.
2. Default confirmation template = <model>\_confirm\_delete.html.
3. Must set **success\_url** or define get\_absolute\_url() in model.
4. Shows a **confirmation form first**, only deletes on **POST request**.
5. You can override template\_name to use your own confirmation page.

👉 Summary:

* **CreateView** → insert data.
* **UpdateView** → update data.
* **DeleteView** → delete data (with confirmation).