

Steps to Create a Django Project and App

1. Install Python

Make sure Python (version 3.x) is installed on your computer.

2. Install Django

Open the terminal and type "pip install django" to install Django.

3. Create a Project Folder

Create a new folder for your project, then navigate into it using the terminal.

4. Start a New Django Project

In the terminal, type "django-admin startproject project_name" to create your Django project.

5. Navigate to the Project Folder

Go into the newly created project folder.

6. Run the Development Server

Type "python manage.py runserver" to start the Django development server.
Open a browser and go to "http://127.0.0.1:8000" to see your project.

Steps to Create a Django App

7. Create a New App

In the terminal, type "python manage.py startapp app_name" to create a new app inside your project.

8. Add the App to the Project

Open the `settings.py` file inside the project folder.
In the `INSTALLED_APPS` section, add your app's name (e.g., 'app_name').

Steps to Create a Model

9. Create a Model in the App

Open the `models.py` file inside your app folder.
Define a model (a class) to represent your data. For example, you could create a model called "Product" with fields like name, price, etc.

10. Apply the Changes to the Database

Run "python manage.py makemigrations" to create migration files for your model.
Then run "python manage.py migrate" to apply the changes to your database.

11. Use the Django Admin Panel

To manage your model using Django's admin panel, register the model in `admin.py`.
After that, create a superuser by typing "python manage.py createsuperuser" and follow the instructions.
Now you can log into "http://127.0.0.1:8000/admin" to manage your data.