

create an application with Tables, grids in Django.

Step: 1

create a Folder

(ctrl + shift + N)

Ex: Tables

Folder name is user choice.

Step: 2

open vs code Editor

go to File option

go to open Folder

(or) cmd → code .

open your Folder Tables

click on select Folder.

Step: 3

open terminal (or) use

ctrl + shift + `

Step: 4

create a Project By using following Command.

Python -m django startProject tableProject



Project name

Step 5:

go to project directory by using following command.

```
cd tableproject
```

Step 6:

create a app by using following command

```
python manage.py startapp tableapp
```

↓
appname.

Step 7:

open Tables folder

Tables
↳ create.py

Step 8:

open tableproject Folder

tableproject

tableapp

Step 9:

open settings.py File

Step 10 :

see the Installed APPS = [
 'django.contrib.admin',
 'django.contrib.auth',
]

might like this.

Step 11 :

Register the app in Installed apps

Installed APPS = {
 'tableapp',
}

click on save.

Step 12 :

Right click on tableapp

click on New Folder

give Folder name as templates

Step 13:

Right click on `templates`

give the file name `home.html`

click on Enter. and write following code.

```
<html>
<head>
<title> Table & Grid in Django </title>
<link rel = "stylesheet" href = "https://
cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/
css/bootstrap.min.css">
</head>
<body class = "container mt-4">
  <h2 class = "text center"> User Table </h2>
  <table class = "table table-bordered table-striped">
  <thead class = "table-dark">
    <tr>
      <th> ID </th>
      <th> Name </th>
      <th> Age </th>
    </tr>
  </thead>
```

```
<tbody>
```

```
{% for person in data %}
```

```
<tr>
```

```
<td> {{ person.id }} </td>
```

```
<td> {{ person.name }} </td>
```

```
<td> {{ person.age }} </td>
```

```
</tr>
```

```
{% endfor %}
```

```
</tbody>
```

```
</table>
```

```
<h2 class = "text-center mt-5"> Bootstrap
```

```
Grid Example </h2>
```

```
<div class = "row">
```

```
{% for person in data %}
```

```
<div class = "col-md-4">
```

```
<div class = "card text-center p-3 mb-3 shadow">
```

```
<h5> {{ person.name }} </h5>
```

```
<p> Age : {{ person.age }} </p>
```

```
</div>
```

```
</div>
```

```
{% endfor %}
```

```
</div>
```

```
</body>
```

```
</html>
```

click on save

Step 14:

open `views.py` file in `tableapp` folder.

write the following code.

```
from django.shortcuts import render
```

```
data = [
```

```
{ "id": 1, "name": "Trump", "age": 60 },
```

```
{ "id": 2, "name": "Putin", "age": 65 },
```

```
{ "id": 3, "name": "Kim", "age": 45 },
```

```
]
```

```
def home(request):
```

```
    return render(request, 'home.html',
```

```
        { 'data': data })
```

click on save

Step 15:

open `urls.py` file in `tableProject` folder

write the following code


```
from django.contrib import admin  
from django.urls import Path  
from tableapp import views.
```

```
urlpatterns = [  
    Path('admin/', admin.site.urls),  
    Path('', views.home, name='home'),  
]
```

click on save

Step 16:

go to tableproject directory and use the following command to run the server.

```
python manage.py runserver.
```