

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

Log in



Step 8:

open tableproject Folder

Table Project

Tables

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.