

# Django

## Python web framework | Session 2

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# Session 1

We covered

- Why Python-django
- Django framework
- Introduction to `virtualenv`
- Install/Configure Django
- Django views(`views.py`)



# Django admin

- Why?
  - Basic(and powerful) admin panel
  - Built-in
  - Testing & Back-end tasks



# urls.py

- `urls.py` specific to app

# Render an HTML page

*Render an HTML page*



# Databases

- *ORM* (Object relational mapping)
- No *SQL* queries to be written

# app/models.py

```
from django.db import models

# Create your models here.
class Blog(models.Model):
    title = models.CharField(max_length=100,
                             unique=True)
    body = models.TextField()

    def __unicode__(self):
        return self.title
```



# Create database and tables

```
python manage.py syncdb
```



# References

- <https://docs.djangoproject.com/>