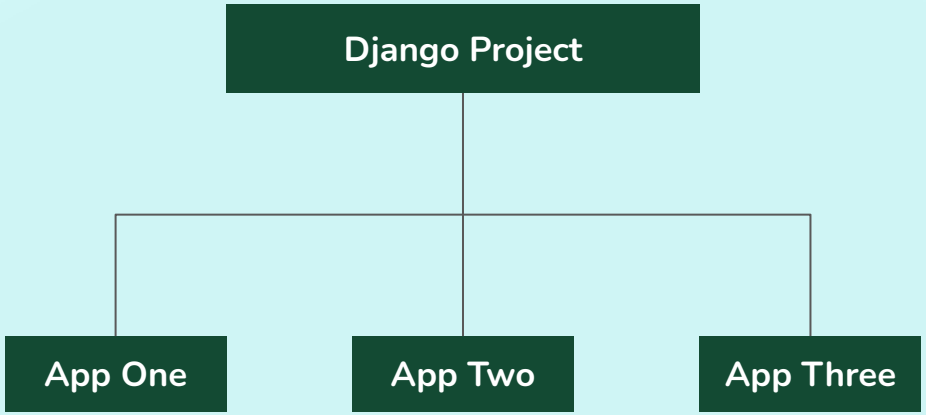
django

Virtual Environment



A Django project can have many apps

Virtual Environment

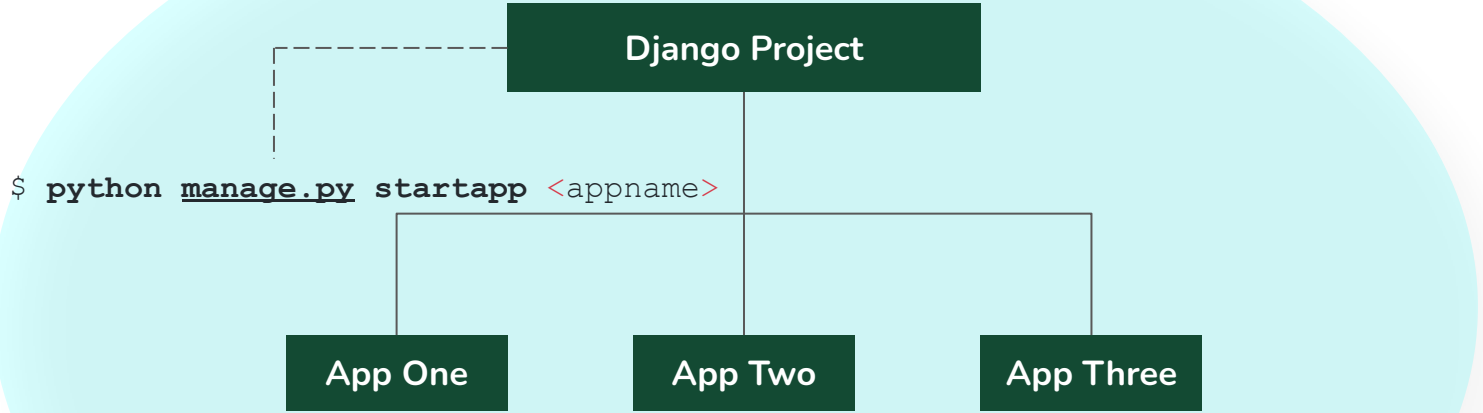
django The web framework for perfectionists with deadlines.

Virtual Environment `$ python -m venv venv`

`$ source venv/bin/activate`

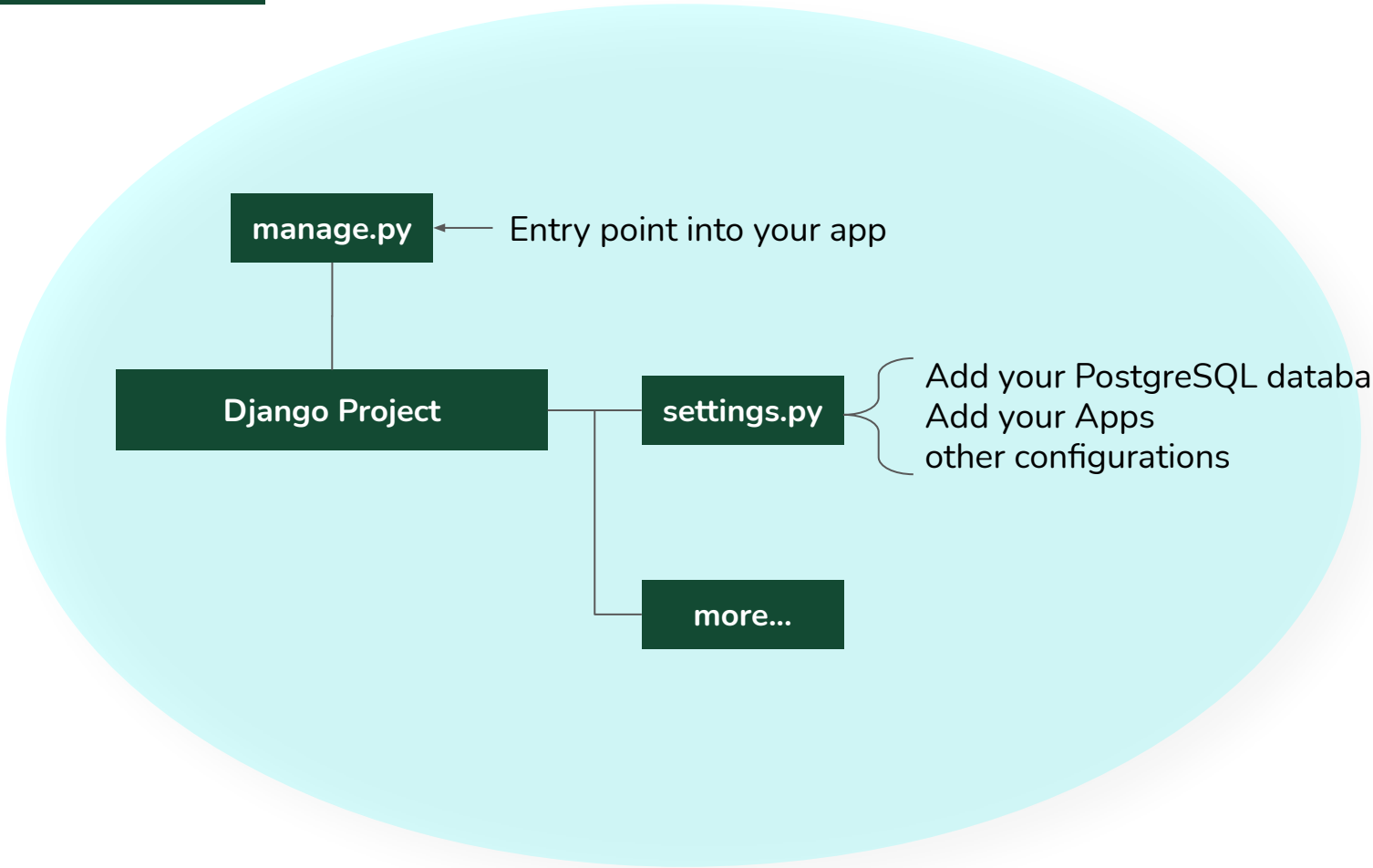
`$ pip install django`

`$ django-admin startproject <projectname>`



django The web framework for perfectionists with deadlines.

Virtual Environment



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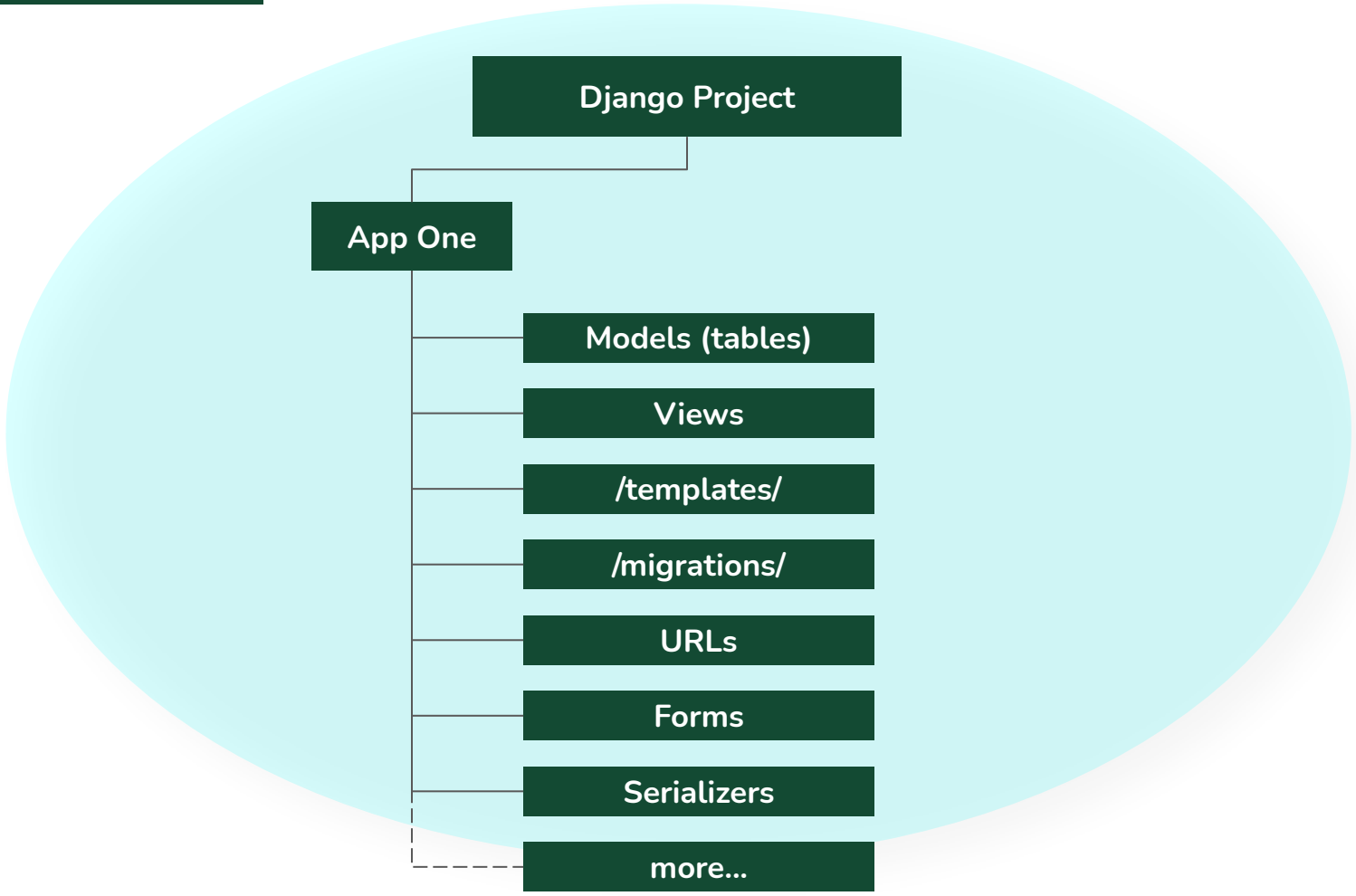
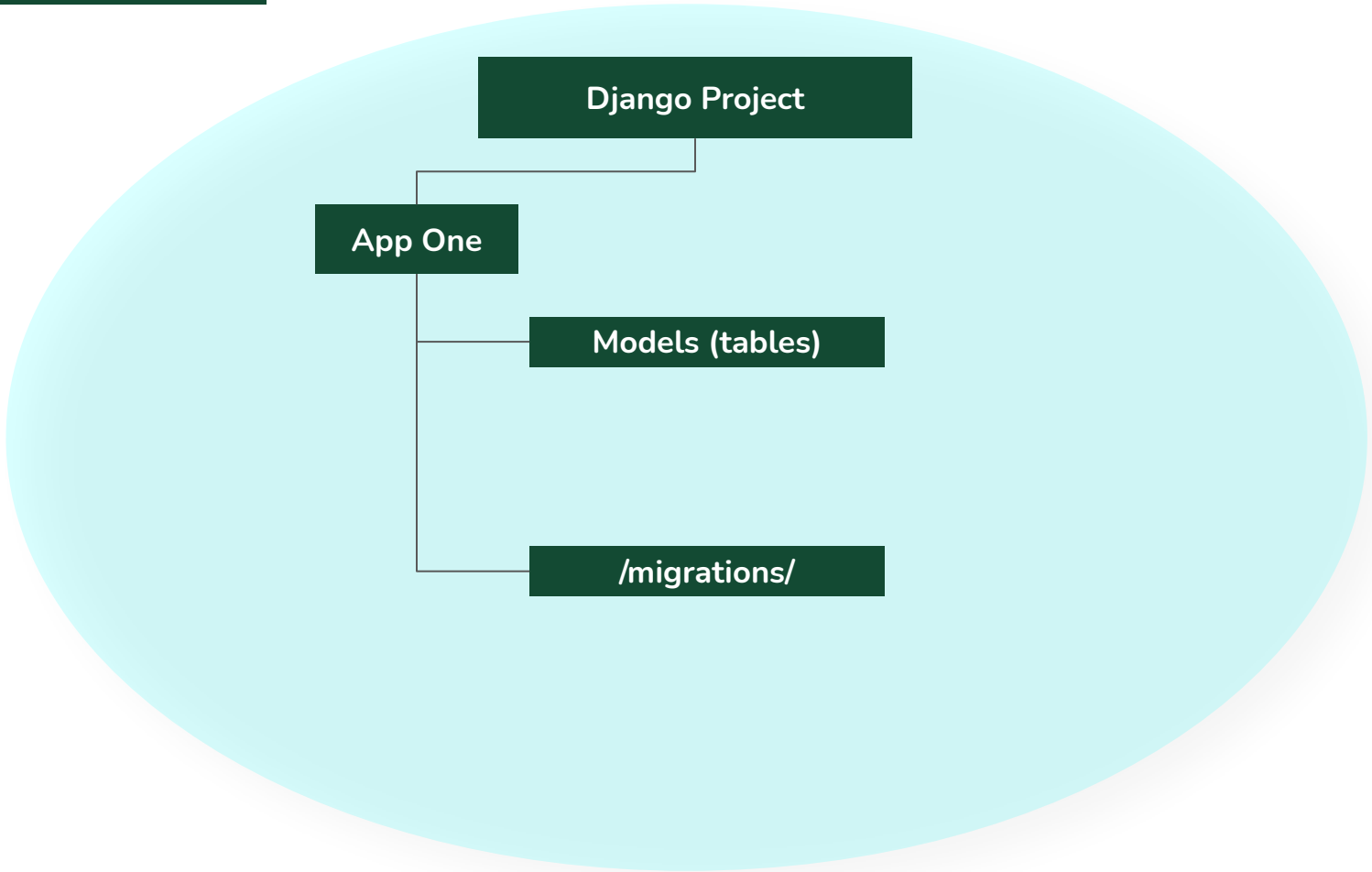
Virtual Environment



Virtual Environment



Object-relational Mapping

models.py

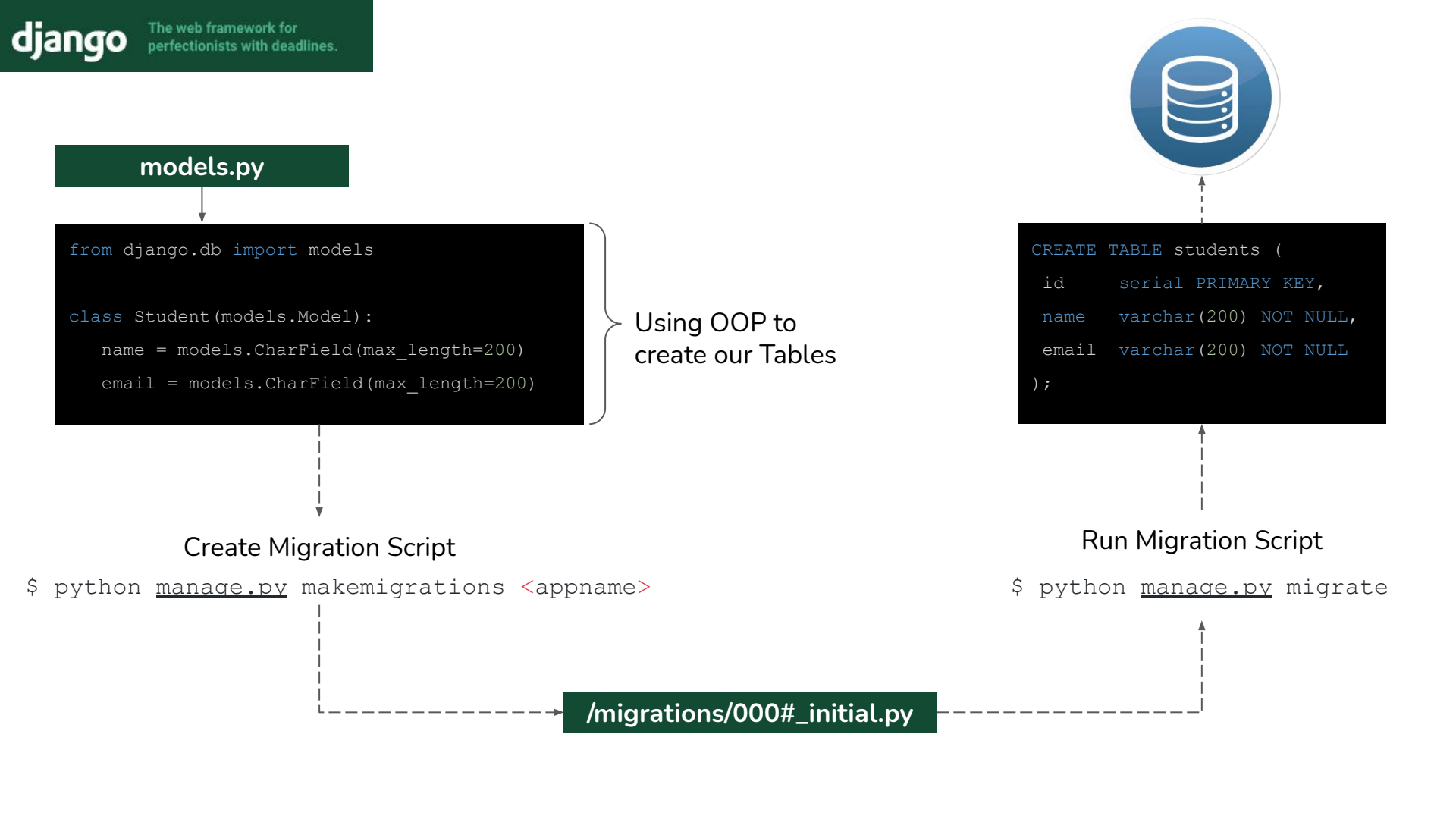
Class Object (customers)

Class Object (orders)

Class Object (products)

Class Object (categories)

Relational Database



django
The web framework for perfectionists with deadlines.
models.py
from django.db import models
class Student(models.Model):
name = models.CharField(max_length=200)
email = models.CharField(max_length=200)
Using OOP to create our Tables
CREATE TABLE students (
id serial PRIMARY KEY,
name varchar(200) NOT NULL,
email varchar(200) NOT NULL
);
Create Migration Script
$ python manage.py makemigrations <appname>
Run Migration Script
$ python manage.py migrate
/migrations/000#_initial.py

django

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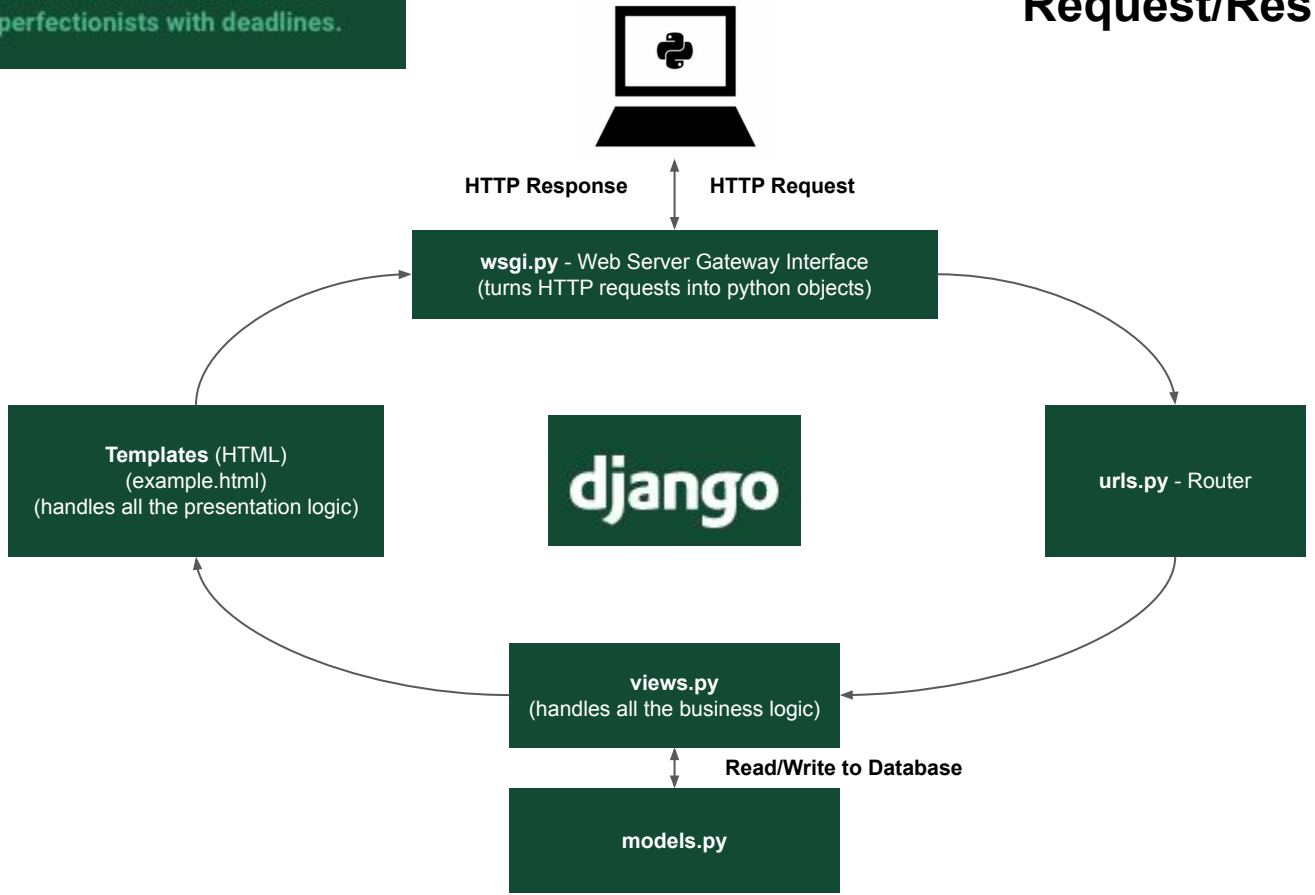
Request/Response Cycle



https://youtu.be/Lwp73bSaplo