1. In [1]: from veges.models import \*
2. In [2]: vege = Receipe.objects.all()
3. In [3]: vege
   1. Out[3]: <QuerySet [<Receipe: Receipe object (24)>, <Receipe: Receipe object (26)>, <Receipe: Receipe object (29)>, <Receipe: Receipe object (30)>, <Receipe: Receipe object (32)>, <Receipe: Receipe object (33)>]>
4. In [4]: import random
5. In [5]: for i in vege:
6. ...: i.receipe\_view\_count = random.randint(10,
7. ...: 1000)
8. ...: i.save()
9. In [6]: vege[0].receipe\_view\_count
   1. Out[6]: 62
10. In [7]: vege[2].receipe\_view\_count
    1. Out[7]: 55
11. In [8]: for i in vege:
12. ...: print(i.receipe\_view\_count)
    1. 62
    2. 577
    3. 55
    4. 633
    5. 999
    6. 391
13. In [9]: vege = Receipe.objects.all().order\_by("receipe\_view\_count)
14. vege = Receipe.objects.all().order\_by("receipe\_view\_count)
    * + 1. ^
15. In [10]: vege = Receipe.objects.all().order\_by("receipe\_view\_count")
16. In [11]: vege
    1. Out[11]: <QuerySet [<Receipe: Receipe object (29)>, <Receipe: Receipe object (24)>, <Receipe: Receipe object (33)>, <Receipe: Receipe object (26)>, <Receipe: Receipe object (30)>, <Receipe: Receipe object (32)>]>
17. In [12]: for i in vege:
18. ...: print(i.receipe\_view\_count)
    1. 55
    2. 62
    3. 391
    4. 577
    5. 633
    6. 999

Prints receipe view count in ascending order

1. In [13]: vege = Receipe.objects.all().order\_by("-receipe\_view\_count")
2. ...:
3. In [14]: for i in vege:
4. ...: print(i.receipe\_view\_count)
   1. 999
   2. 633
   3. 577
   4. 391
   5. 62
   6. 55

## Prints receipe view count in descending order

1. In [15]:
2. In [15]: vege = Receipe.objects.all().order\_by("-rece
3. ...: ipe\_view\_count")[0:2]
4. In [16]: for i in vege:
5. ...: print(i.receipe\_view\_count)
   1. 999
   2. 633
   3. Here we get only 2 records
6. : Receipe.objects.filter(receipe\_view\_count=55 )
   1. Out[17]: <QuerySet [<Receipe: Receipe object (29)>]>

Gives receipes with view count == 55

1. Receipe.objects.filter(receipe\_view\_count\_\_gte=55)
   1. Out[20]: <QuerySet [<Receipe: Receipe object (24)>, <Receipe: Receipe object (26)>, <Receipe: Receipe object (29)>, <Receipe: Receipe object (30)>, <Receipe: Receipe object (32)>, <Receipe: Receipe object (33)>]>

Here we can see receipes with view count greater than 55

1. In [21]: Receipe.objects.filter(receipe\_view\_count\_\_lte=55)
   1. Out[21]: <QuerySet [<Receipe: Receipe object (29)>]>

\_\_lte implies lessthan

1. In [6]: student = Student.objects.filter(student\_name="abhi")
2. In [7]: student
   1. Out[7]: <QuerySet []>

Filters students with name abhi

1. In [13]: student = Student.objects.filter(student\_name\_\_startswith="ab")
2. In [14]: student
   1. Out[14]: <QuerySet []>

Filters students names starts with “ab”

1. In [11]: student = Student.objects.filter(student\_name\_\_startswith="a")
2. In [12]: student
   1. Out[12]: <QuerySet [<Student: Alison Ingram>, <Student: Amber Patton>, <Student: Amber Vargas>, <Student: Amy Barnes>, <Student: Andrea Rogers>, <Student: Andrew Malone>, <Student: Angel Washington>, <Student: Anita Harper>, <Student: Autumn Wallace>]>

Filters students names starts with “a”