Categories and Tags

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**models.py**

class Category(models.Model):

title = models.CharField(max\_length=100)

def \_\_str\_\_(self):

return self.title

class Blog(models.Model):

title = models.CharField(max\_length=255)

category = models.ManyToManyField(Category)

content = models.TextField()

author = models.ForeignKey(User, on\_delete=models.CASCADE)

**views.py**

def get\_category\_count():

queryset = Blog \

.objects \

.values('category\_\_title') \

.annotate(Count('category\_\_title'))

return queryset

def home(request):

subscribe\_form = EmailSignupForm()

blogs = Blog.objects.filter(featured=True).order\_by('-created\_at')

context = {

'blogs': blogs,

'title':'home',

'subscribe\_form' : subscribe\_form,

'categories': get\_category\_count()

}

return render(request, 'blogs/home.html', context)

**home.html**

{% for category in categories %}

{% if forloop.last %}

<a href="{% url 'blog:category\_blogs' category.category\_\_title %}">

{{ category.category\_\_title }>

</a>

<span class="badge badge-secondary">

{{ category.category\_\_title\_\_count }}

</span>

{% else %}

<a href="{% url 'blog:category\_blogs' category.category\_\_title %}">

{{ category.category\_\_title }}

</a>

<span class="badge badge-secondary">

{{ category.category\_\_title\_\_count }}

</span>

<hr>

{% endif %}

{% endfor %}

{% for blog in blogs %}

<div class="card my-3">

<div class="card-body">

<h5 class="card-title text-primary">

<a href="{{ blog.get\_absolute\_url }}"> {{ blog.title }}</a>

</h5>

<small><i class="fas fa-tags"></i>

{% for i in blog.category.all %}

<span class="badge badge-info">{{ i.title }}</span>

{% endfor %}

</small>

</div>

</div>

{% endfor %}