

Model.py

```
class Post(models.Model):
    title = models.CharField(max_length=200)
    body = models.TextField()
    like = models.IntegerField(default=0)
```

Method One

View.py

```
from django.core import serializers
from django.http.response import HttpResponse

posts = Post.objects.all()
json_posts = serializers.serialize('json', posts, fields=('title', 'body', 'like'))
return HttpResponse(json_posts , status=200)
```

Output —>

```
[{
  "model": "myapp.post",
  "pk": 1,
  "fields": {
    "title": "its a first post",
    "body": "i am so happy",
    "like": 2
  }
}, {
  "model": "myapp.post",
  "pk": 2,
  "fields": {
    "title": "its a new post",
    "body": "i am very happy",
    "like": 3
  }
}]
```

Method Second

```
from django.http import JsonResponse
import json

def loadjson(request):
    posts = Post.objects.all().values('id', 'title', 'body', 'like')
    posts_list = list(posts)

    posts_list = json.dumps(posts_list) #you can skip this step

    return JsonResponse(posts_list, safe=False)
```

OutPut—>

```
[{
  "id": 1,
  "title": "its a first post",
  "body": "i am so happy",
  "like": 2
}, {
  "id": 2,
  "title": "its a new post",
```

```

        "body": "i am very happy",
        "like": 3
    }]

```

Method Third

View.py

```

import json
from django.http.response import HttpResponse

def loadjson(request):

    final_list=[]
    posts = Post.objects.all()

    print(posts.values())
    # this will print out all the values in query set
    # <QuerySet [{ 'id': 1, 'title': 'its a first post', 'body': 'i am so happy', 'like': 2}, { 'id': 2, 'title':
    'its a new post', 'body': 'i am very happy', 'like': 3}]>

    for post in posts:
        temp_tuple={
            'id':post.id,
            'title':post.title,
            'body':post.body,
            'like':post.like
        }

        final_list.append(temp_tuple)

    json_res=json.dumps(final_list)

    return HttpResponse(json_res, status=200)

```

Output—>

```

[ {
    "id": 1,
    "title": "its a first post",
    "body": "i am so happy",
    "like": 2
  }, {
    "id": 2,
    "title": "its a new post",
    "body": "i am very happy",
    "like": 3
  }
]

```

Parsing Json using js (Json created using Method second)

```

function loaddata() {
    // alert('hello')
    $.ajax({
        type: 'GET',
        url: 'loadjson',
        // data: {'post_id': pk,
        //      'csrfmiddlewaretoken': '{{ csrf_token }}'}
        // },
        dataType: 'json',
        success: function (response) {
            console.log('its in succ')
            alert(response)

            var obj = JSON.parse(response);
            var out = "";
            var i = 0;

            for (i; i < obj.length; i++) {

                out += '<div style="background-color: #A4A4A4;margin-top: 10px">'

                out += '<h1>';
                out += obj[i].title
                out += '</h1>'

                out += '<p>';
                out += obj[i].body
                out += '</p>'

                out += '</div>';

            }

            document.getElementById("show_data").innerHTML = out;

        },
        error: function (rs, e) {
            console.log(rs.responseText);
        },
    }); //ajax
} //loaddata

```