

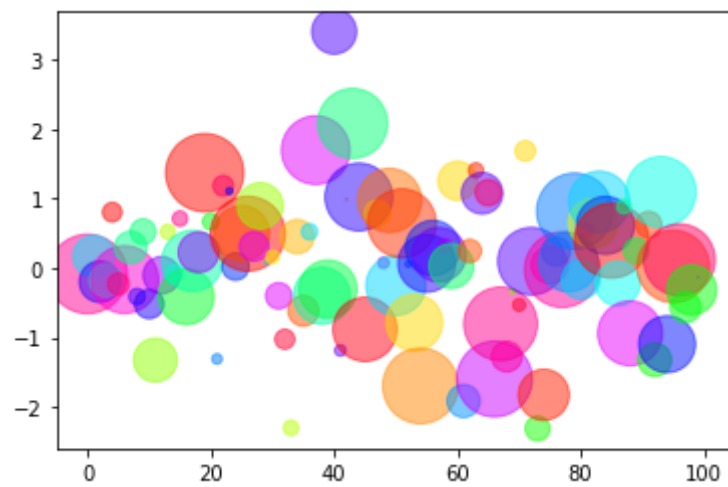
```
In [52]: 1 import matplotlib.pyplot as plt
        2 import numpy as np
```

```
In [54]: 1 data=np.random.normal(0,1,(100))
        2 # data
```

```
In [72]: 1 x_rang=list(range(100))
        2 # color=['red','green']
        3 theta = -1* np.pi * np.random.rand(100)
        4 color=theta
        5 r = 40*np.random.rand(100)
```

```
In [73]: 1 plt.scatter(x_rang,data,alpha=0.5,c=color,cmap='hsv',s=r**2)
```

Out[73]: <matplotlib.collections.PathCollection at 0x1e32d3f77f0>



```
In [ ]: 1
```