Gaussian

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

In [ ]:
```
x_axis = np.arange(-100,100,0.1)
print(x_axis)
```

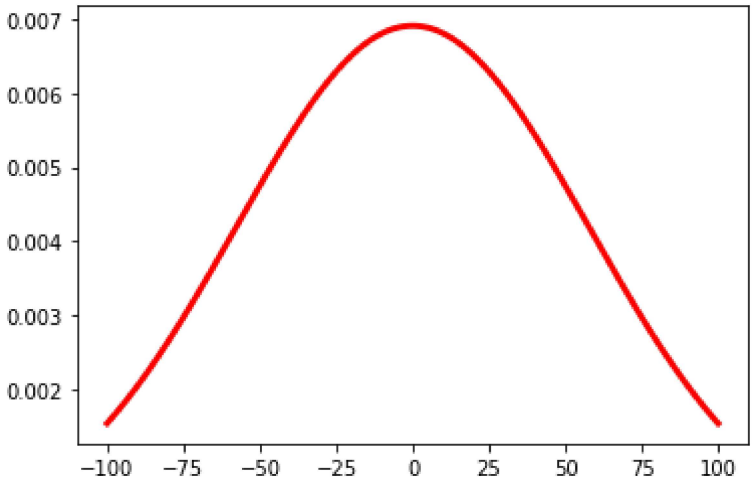
```
[-100.   -99.9  -99.8 ...   99.7   99.8   99.9]
```

In [ ]:
```
mean = np.mean(x_axis)
std = np.std(x_axis)
print(mean,std)
```

```
-0.05000000000567525 57.73501970208048
```

In [ ]:
```
y_axis = 1/(std * np.sqrt(2 * np.pi)) * np.exp( - (x_axis - mean)**2 / (2 * std**2
```

In [ ]:
```
plt.plot(x_axis,y_axis,linewidth=3, color='r')
plt.show()
```



In [ ]:
```

```