

```
from scipy.stats import boxcox
```



```
def boxcox_transformation(data, column_name):  
    transformed_data, _ = boxcox(data[column_name])  
    data[f'{column_name}_boxcox'] = transformed_data  
    stat, p_value = shapiro(data[f'{column_name}_boxcox'])  
    kdeplot = sns.kdeplot(data[f'{column_name}_boxcox'])  
  
    print(kdeplot)  
    print('P value: ', p_value)
```