

1. Apply PCA using iris dataset.
2. [22, 87, 5, 43, 56, 73, 55, 54, 11, 20, 51, 5, 79, 31, 27]
Plot a histogram using above list and draw bins in it.
3. Do min max scaling in below data and form a data frame
z-score normalization and decimal scaling.
(You can also use your own data.)

```
[[180000, 110, 18.9, 1400],  
 [360000, 905, 23.4, 1800],  
 [230000, 230, 14.0, 1300],  
 [60000, 450, 13.5, 1500]]
```

4. Perform binning in iris dataset (mean, boundaries, median)
5. Apply wavelet-based data reduction.
6. Apply sampling based data reduction.