





```
0 15624510
             Male 19
                                 19000
                                               0
 15810944
             Male 35
                                 20000
                                               0
 15668575 Female 26
                                 43000
                                               0
 15603246 Female 27
                                 57000
                                               0
 15804002 Male 19
                                 76000
                                               0
[[-1.05714987 0.53420426]
 0.2798728 -0.51764734]
 [-1.05714987 0.41733186]
 [-0.29313691 -1.45262654]
 [ 0.47087604 1.23543867]
 [-1.05714987 -0.34233874]
 [-0.10213368 0.30045946]
 [ 1.33039061 0.59264046]
[-1.15265148 -1.16044554]
[ 1.04388575 0.47576806]]
[0000000101000000001001010100000010000
001]
Confusion Matrix :
[[31 1]
[ 1 7]]
Accuracy: 0.95
0.7583333333333334
0.823529411764706
Accuracy is: 0.925
/tmp/ipython-input-618799232.py:84: DeprecationWarning: Conversion of an array with ndim > 0 to a scalar is deprecated, and will error in future. Ensure you extract a single element from your array before performing this operation. (Dep
 cost_list[i] = cost(weights)
```

User ID Gender Age EstimatedSalary Purchased