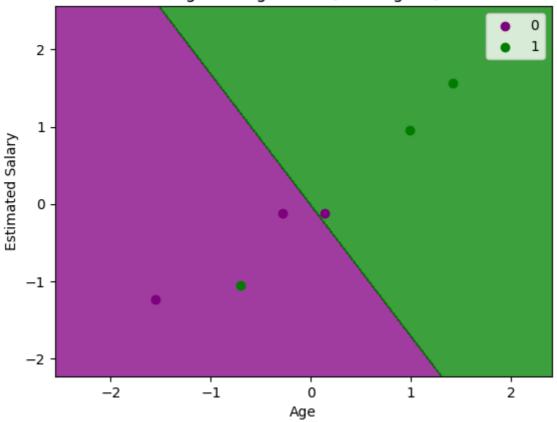
```
In [37]:
         import numpy as np
         import pandas as pd
         import matplotlib.pyplot as mtp
 In [ ]: import pandas as pd
         data= pd.read_csv("C:\\Users\\sriha\\OneDrive\\Desktop\\pb excel\\salary.csv")
         print(data)
In [13]: x= data.iloc[:,[1,2]]
         y= data.iloc[:,3]
         print(x,y)
           Experience Salary
                   5 50000
                   3 24000
        1
        2
                   4 45000
        3
                   1 19000
        4
                   7 80000
                   4 50000
        5
                  4 43000
        6
        7
                  8 97000 0
        1
           1
        2
        3
            0
        4
            1
        5
            1
        6
        7
             1
       Name: binary, dtype: int64
In [14]: from sklearn.model_selection import train_test_split
         x_train,x_test,y_train,y_test=train_test_split(x,y, test_size= 0.25 , random_sta
 In [ ]: #feature Scaling
         from sklearn.preprocessing import StandardScaler
         st_x= StandardScaler()
         x_train= st_x.fit_transform(x_train)
         x_test= st_x.transform(x_test)
In [16]:
        #Fitting Logistic Regression to the training set
         from sklearn.linear_model import LogisticRegression
         classifier= LogisticRegression(random state=0)
         classifier.fit(x_train, y_train)
Out[16]: LogisticRegression(random_state=0)
In [30]: #Predicting the test set result
         y_pred= classifier.predict(x_test)
In [36]: #Creating the Confusion matrix
         from sklearn.metrics import confusion_matrix
         cm= confusion_matrix(y_test,y_pred)
In [44]: #Visualizing the training set result
         from matplotlib.colors import ListedColormap
         x_set, y_set = x_train, y_train
         x1, x2 = np.meshgrid(np.arange(start = x_set[:, 0].min() - 1, stop = x_set[:, 0]
```

c argument looks like a single numeric RGB or RGBA sequence, which should be av oided as value-mapping will have precedence in case its length matches with *x* & *y*. Please use the *color* keyword-argument or provide a 2D array with a single row if you intend to specify the same RGB or RGBA value for all points.
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Logistic Regression (Training set)



In []: