Assessment

reg.coef\_ : array([ 128.43512778, 5913.51964731, -4902.54602054])

reg.intercept\_: 264780.07095467095

X\_train shape: (4, 3)

X\_test shape: (2, 3)

y\_train shape: (4,)

y\_test shape: (2,)

Information find out the Sales

1. 5000 CPI, 3 percentage discounts, 20 rewards offers ANS: 826645.34838580
2. 4000 CPI, 8 percentage discounts, 19 rewards offers ANS: 732680.36486289
3. Loandata:

LogisticRegression accuracy = 0.7248062015503876

Decision Tree Accuracy: 1.0

RandomForest Accuracy: 0.5

Support Vector Machine (SVM) Accuracy: 0.5

Best fit this model : Decision Tree Accuracy: 1.0 , LogisticRegression accuracy = 0.7248062015503876

1. Customerdata:

DecisionTreeClassifier = Accuracy: 1.0

RandomForestClassifier = Accuracy: 1.0

KNeighborsClassifier = Accuracy: 1.0

KMeans = array([1, 1, 0, 0, 2, 2])

SVM this dataset not working