

Solution:-

1. The Problem Statement is Based Upon:
 - a) **Domain – Machine Learning**
 - b) **Supervised Learning**
 - c) **Classification Type**
2. Information of Dataset:
 - a) **Rows – 399**
 - b) **Columns – 28**
3. Pre-Procession Methods:
 - a) **get_dummies – for converting to numerical data**
 - b) **Standard Scalar() – For Optimization for getting better results**
4. Final Model Selection:

Answer: Logistic Regression

Reason:-

- a) **Accuracy, F1-Weighted, roc_auc – Values are high when compared with other algorithms.**

[illegible]