

# Worksheet

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Name: .....

Roll No: ..... Class: ..... Section: .....

Date: .....

## EVALUATION

### Unit-7

#### 1. State whether the following statement is True or False.

- F1 score also called F-score or F-measure is the measure of a test's accuracy.
- A model is said to have a good performance if the F1 Score for that model is high.
- A model is considered to be a total failure when the F1 score is 100.
- Precision is the percentage of True Positive cases and All Predicted Positive Cases.
- Confusion matrix is also known as the Error Matrix.

#### 2. Consider the following confusion matrix:

| The Confusion Matrix | Reality:1 | Reality:0 |
|----------------------|-----------|-----------|
| Prediction:1         | 22        | 12        |
| Prediction:0         | 40        | 10        |

Calculate Accuracy, Precision, Recall and F1 Score for the above problem.

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#### 3. Define the following:

- Model Evaluation

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- Write any two advantages of evaluating a model.

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