

Worksheet

1

Name:

Roll No: Class: Section:

Date:

EVALUATION

Chapter-7

1. Choose the correct option.

- (a) Which of the following is the last stage of the AI Project development cycle?
- | | | | |
|------------------------|--------------------------|-----------------------|--------------------------|
| (i) Problem Scoping | ☐ | (ii) Data Exploration | ☐ |
| (iii) Model Evaluation | ☐ | (iv) Data Acquisition | ☐ |
- (b) Which of the following is the output given by the AI model using Machine Learning algorithm?
- | | | | |
|-------------------------|--------------------------|--------------------|--------------------------|
| (i) Prediction | ☐ | (ii) Reality | ☐ |
| (iii) Both (i) and (ii) | ☐ | (iv) None of these | ☐ |
- (c) Which of the following is a tabular structure which helps in measuring the performance of an AI model using the test data?
- | | | | |
|------------------------|--------------------------|--------------------|--------------------------|
| (i) Table of facts | ☐ | (ii) Prediction | ☐ |
| (iii) Confusion matrix | ☐ | (iv) None of these | ☐ |
- (d) Which of the following is the percentage of correct prediction out of the total observations made in an AI model?
- | | | | |
|-------------------|--------------------------|----------------|--------------------------|
| (i) Accuracy | ☐ | (ii) Precision | ☐ |
| (iii) Sensitivity | ☐ | (iv) F1 Score | ☐ |

2. Complete the following statements

- (a) If Precision = Low and Recall = Low then F1 Score will be
- (b) If Precision = Low and Recall = High then F1 Score will be
- (c) If Precision = High and Recall = Low then F1 Score will be
- (d) If Precision = High and Recall = High then F1 Score will be

3. Answer the following question.

What do you mean by Recall?

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