

Worksheet

1

Name:

Roll No: Class: Section:

Date:

MODEL LIFE CYCLE

Unit-2

1. What is the purpose of the 4Ws Problem Canvas?
2. Name two AI development tools.
3. Fill in the blanks:
 - a. Two sources of authentic data are and
 - b. and stages consume the most time.
 - c. The design phase of the AI Model Life Cycle is an process.
4. Explain the “Data Exploratory Analysis” process.

The following question consists of two statements – Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below:

- A. Both A and R are true and R is the correct explanation of A
 - B. Both A and R are true and R is not the correct explanation of A
 - C. A is true but R is false.
 - D. A is False but R is true
5. Assertion (A): The volume of test data can be huge, which provides data complexities.
Reason (R): Data validation is critical.
 6. State True or False – All relevant subsets of training data, i.e., the data you will use to train the AI system, should be included in test data.
 7. List any 3 considerations which data scientists have to keep in mind during the testing stage.
 8. Define underfitting.