

Worksheet

1

Name:

Roll No: Class: Section:

Date:

MODEL LIFE CYCLE

Unit-2

A. Answer the following questions.

1. What is the purpose of the 4Ws Problem Canvas?
2. Name two AI development tools.
3. 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
4. Assertion (A): The volume of test data can be huge, which provides data complexities.
Reason (R): Data validation is critical.
 5. Define underfitting.

B. Fill in the blanks.

1. Two sources of authentic data are and
2. and stages consume the most time.
3. The design phase of the AI Model Life Cycle is an process.

C. State True or False.

1. All relevant subsets of training data, i.e., the data you will use to train the AI system, should be included in test data.
2. List any 3 considerations which data scientists have to keep in mind during the testing stage.