

## AI and ML Assignment

### Coding Section : -

#### 1. Could we sum it?

Let Ankur has given a large weight  $W$ , and a list of smaller weights in an array. He needs to write a code in order to find "can we form weight  $W$  or not, using smaller weights". He only knows dp solution. Could you write a code solution for him without using dp.

**Constraint:** - list size  $\leq 12$

#### **Sample Input1:** -

$W = 15$

list = {4, 3, 5, 6, 4}

Output: - True

Explanation: -

$15 = 4 + 5 + 6$ .

#### **Sample Input2:** -

$W = 9$

list = {4, 1, 3, 7}

Output: - False.

Explanation: - There is no way to sum up 7.

### Descriptive Section : -

1. How Do You Handle Missing or Corrupted Data in a Dataset?
2. What Are the Three Stages of Building a Model in Machine Learning?