Questions :

1 . write difference between list and tuples ?

2. Explain about advanced data types in python ?

3 . How you will import libraries in python and how you read csv_file ?

4 . Difference between the list and array ?

5 . Write the syntax for if and elif ?

6 . What is meant by a conditional statement and explain it ?

7 .What is meant by iteration statements ?

8 .How will you find null values in the dataset ?

9 . Explain about Numpy ?

10 . what is meant by Univariant,Bi - Variant, Multi - Variant Analysis

11 . write the output for the program ?

>   *A = np.array([[0,1,2] ,[3,4,5]])*
>
>   *print(A)*
>
>   *print(A.shape)*

12 . Write an Even or odd Program in python ?

13 . Write the output for the program ?

>   *A = np.arange(4, 18)*
>
>   *A[1 : 8 : 2]*

14 . Write a code to plot the boxplot

15 .Write the output for the program ?

```
A = np.array( [ 1, 2, 3] )

B = A

B[ 0 ]  = 100

print( A )

print( B )
```

16 . Write a program to create 5 Random Numbers ?

17 . What is an Outlier ?

18 . Explain about histogram and bar graph ?

19 . Explain about append( ) , count( ), pop( ), remove( ), index ( ) in list ?

20 . Explain about keys( ), get( ), items( ),update( ), values( ) in the dictionary ?

21 . Create an Empty List, Dictionary, Tuple ,Set ?

22 . Write output for the program ?

```
L = ["SocialTek",  "Vajar.ai",  SocialPrachar"]

print( L[1] )
```

23 . Write output for the Program ?

```
A = ("Cyber_security",  "Data_Science",  "Full_Stack")

B  = list ( A )

B[ 0 ] = "Digital_Marketing"

A = tuple( B )

print( A)
```

24 . Expand EDA : _____

25 . When you used for loop and when you used while ?