Data Science is a ?

- ● Branch of statistics
- ○ Branch of computer science
- ○ Branch of artificial intelligence
- ○ Interdisciplinary, made up of all of the above

Machine learning is a subset of ?

○ Data Science

○ Deep Learning

◉ Artificial Intelligence

○ None of the above

Who developed Python Programming Language ?

○ Wick van Rossum

◉ Guido van Rossum

○ Rasmus Lerdorf

○ Niene Stom

Which of the following is the correct extension of the Python file ?

◉ .py

○ .pl

code snippet?

```
for i in [1, 2, 3, 4][::-1]:
print (i)
```

- ⦿ 4 3 2 1
- ○ error
- ○ 1 2 3 4
- ○ none of the mentioned

If their is missing values in Categorical column, how do deal with?

- ⦿ Replace with Mean value
- ○ Replace with Median
- ○ Replace with Mode value
- ○ Replace Quantile value

What is the use of the zeros() function in Numpy array in python ?

- ○ To make a Matrix with first row 0
- ○ To make a Matrix with all element 0
- ○ To make a Matrix with all diagonal element
- ⦿ None of the above

What is a correct syntax to return the first row in a Pandas DataFrame?

○ df.get(0)

◉ df.loc[0]

○ df[0]

○ df

How do you get the list of columns that have null values in a DataFrames?

◉ df.isnull().sum()

○ df.isnull().any()

○ df.isnull()

○ df.info()

To check the distribution of Numeric column ,which type of graph we will use ?

◉ Box plot

○ Scatter plot

○ Dist plot

○ heat map