Applied Data Science - Quiz 1

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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

○ .python

○ .p

What will be the output of the following Python 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

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