

Applied Data Science - Quiz 1

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B8-2A4E



Data Science is a ?

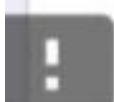
- ☐ Branch of statistics
- ☐ Branch of computer science
- ☐ Branch of artificial intelligence
- ☒ Interdisciplinary, made up of all of the above

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



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 there are missing values in Categorical column, how do we deal with?

- ☐  Replace with Mean value

If there are missing values in a Categorical column, how do you deal with them?

- ☐ Replace with Mean value
- ☐ Replace with Median
- ☒ Replace with Mode value
- ☐ Replace Quantile value

What is the use of the `zeros()` function in a NumPy array in Python?

- ☐ To make a Matrix with first row 0
- ☐ To make a Matrix with all elements 0
- ☐ To make a Matrix with all diagonal elements
- ☒ None of the above

What is the 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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