Quiz - 3 (IBM Professional Readiness Program) Data Analytics

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What is the correct syntax for a for loop in Python? *

○ for (i=0; i<5; i++)

◉ for i in range(5)

○ for i = 0 to 5

○ for i in 1..5

Which of the following is a valid way to define a function in Python? *

○ function_name(argument1, argument2):

◉ def function_name(argument1, argument2):

○ function_name argument1 argument2

○ define function_name(argument1, argument2):

What is the syntax for defining a function in Python? *

○ func myFunction():

◉ def myFunction()

○ def myFunction:

○ Def myfunction():

What is the output of the following code: print(len("Hello World")) *

○ 10

◉ 11

○ 12

○ 9

What is the output of the following code: print(10%3) *

○ 0

◉ 1

○ 3

○ 3.3

What is the difference between loc and iloc in Pandas? *

○ loc is used for integer-based indexing, while iloc is used for label-based indexing

◉ iloc is used for integer-based indexing, while loc is used for label-based indexing

○ loc and iloc are the same and can be used interchangeably

○ None of the above

How can you create a Pandas DataFrame? *

○ By loading data from a file

○ By creating a dictionary of arrays or lists

○ By converting a NumPy array into a DataFrame

⦿ All of the above

Which command is used to create a scatter plot in seaborn? *

⦿ sns.scatterplot()

○ sns.lineplot()

○ sns.barplot()

○ sns.histplot()

Which command is used to display a plot in matplotlib? *

○ plt.plot()

⦿ plt.show()

○ plt.display()

○ plt.render()

Which of the following is true about Matplotlib's subplots? *

◉ subplots() is used to create multiple plots in a grid-like structure

○ subplots() is used to create a single plot

○ subplots() is a statistical test

○ subplots() is only used for creating bar plots

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