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Test Name:	ACDS Assessment 8 (Matplotlib & Scikit-Learn)
Taken On:	3 Mar 2021 03:45:36 EST
Time Taken:	33 min 48 sec/ 270 min
Work Experience:	> 5 years
Invited by:	TTS
Skills Score:	
Tags Score:	<div>matplotlib60/60</div> <div>scikit-learn40/50</div>

90.9%

100/110


scored in **ACDS Assessment 8 (Matplotlib & Scikit-Learn)** in 33 min 48 sec on 3 Mar 2021 03:45:36 EST

Recruiter/Team Comments:

No Comments.

	Question Description	Time Taken	Score	Status
Q1	Matplotlib > Multiple Choice	3 min 18 sec	10/ 10	✓
Q2	Matplotlib > Multiple Choice	4 min 45 sec	10/ 10	✓
Q3	Matplotlib > Multiple Choice	2 min 17 sec	10/ 10	✓
Q4	Matplotlib > Multiple Choice	2 min 47 sec	10/ 10	✓
Q5	Matplotlib > Multiple Choice	37 sec	10/ 10	✓
Q6	scikit-learn > Multiple Choice	38 sec	10/ 10	✓
Q7	scikit-learn > Multiple Choice	16 sec	10/ 10	✓
Q8	scikit-learn > Multiple Choice	5 min 3 sec	10/ 10	✓
Q9	scikit-learn > Multiple Choice	4 min 42 sec	0/ 10	✗
Q10	scikit-learn > Multiple Choice	8 min 45 sec	10/ 10	✓
Q11	Matplotlib > Multiple Choice	3 sec	10/ 10	✓

QUESTION 1



Correct Answer

Score 10

Matplotlib > Multiple Choice


matplotlib

QUESTION DESCRIPTION

What type of line will the following code produce in Matplotlib? plt.plot(x, x + 2, '-.k')

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

☒ dashdot black


☐ dotted red

☐ solid green

☐ dashed cyan

No Comments

QUESTION 2



Correct Answer

Score 10

Matplotlib > Multiple Choice

matplotlib

QUESTION DESCRIPTION


Which of the following functions will make the horizontal axis of a plot 'plt' include values in a range starting at 50 and ending with 0?

CANDIDATE ANSWER

Options: (Expected answer indicated with a tick)

☐ plt.ylim(50, 0)


☐ plt.ylim(0, 50)

☒ plt.xlim(50, 0)

☐ plt.xlim(0, 50)

No Comments

QUESTION 3



Correct Answer

Score 10

Matplotlib > Multiple Choice

matplotlib


QUESTION DESCRIPTION

Which of the following will have better performance when creating a scatter plot from a large dataset?

CANDIDATE ANSWER


Options: (Expected answer indicated with a tick)

☐ plt.scatter

☒ plt.plot

No Comments

QUESTION 4



Correct Answer

Score 10

Matplotlib > Multiple Choice

matplotlib


QUESTION DESCRIPTION

True or False: When making a histogram using Matplotlib using plt.hist(), a number of bins must bins must be specified by the user or else the function will fail.

CANDIDATE ANSWER


Options: (Expected answer indicated with a tick)

☐ TRUE

☒ FALSE

No Comments

QUESTION 5



Correct Answer

Score 10

Matplotlib > Multiple Choice

matplotlib


QUESTION DESCRIPTION

True or False: When making a histogram using Matplotlib using plt.hist(), a number of bins must bins must be specified by the user or else the function will fail.

CANDIDATE ANSWER


Options: (Expected answer indicated with a tick)

☐ TRUE

☒ FALSE

No Comments

QUESTION 6



Correct Answer

Score 10

scikit-learn > Multiple Choice


scikit-learn

QUESTION DESCRIPTION

Which type of machine learning can be either a classification problem or a regression problem?



CANDIDATE ANSWER



Options: (Expected answer indicated with a tick)



☒ Supervised Learning



☐ Unsupervised Learning



No Comments

QUESTION 7  Correct Answer	scikit-learn > Multiple Choice scikit-learn
Score 10	QUESTION DESCRIPTION Which type of machine learning can be described as the following statement? The training data consists of a set of input vectors x without any corresponding target values.
	CANDIDATE ANSWER Options: (Expected answer indicated with a tick) <input type="radio"/> Supervised Learning  <input checked="" type="radio"/> Unsupervised Learning
	No Comments

QUESTION 8  Correct Answer	scikit-learn > Multiple Choice scikit-learn
Score 10	QUESTION DESCRIPTION Scikit-Learn has a function named DictVectorizer, which effectively creates extra columns indicating the presence or absence of a category with a value of 1 or 0, respectively. What is this technique known as?
	CANDIDATE ANSWER Options: (Expected answer indicated with a tick) <input type="radio"/> word-count encoding <input type="radio"/> binary column check <input type="radio"/> numerical mapping  <input checked="" type="radio"/> one-hot encoding
	No Comments

QUESTION 9  Wrong Answer	scikit-learn > Multiple Choice scikit-learn
Score 0	QUESTION DESCRIPTION True or False: A basic function regresssion could convert a linear regression into a polynomial regression by changing the model, but not the input.
	CANDIDATE ANSWER Options: (Expected answer indicated with a tick) <input type="radio"/> TRUE  <input checked="" type="radio"/> FALSE
	No Comments

QUESTION 10  Correct Answer	scikit-learn > Multiple Choice scikit-learn
Score 10	QUESTION DESCRIPTION What is the name of Python's built-in persistence model, which makes it possible to save a model in scikit-learn?
	CANDIDATE ANSWER Options: (Expected answer indicated with a tick) <div><input type="radio"/> store_mem</div> <div><input type="radio"/> model_save</div> <div> <input checked="" type="radio"/> pickle</div> <div><input type="radio"/> retainer</div> No Comments

QUESTION 11  Correct Answer	Matplotlib > Multiple Choice matplotlib
Score 10	QUESTION DESCRIPTION True or False: In a Jupyter Notebook, using Matplotlib mode, plt.show() is not required to show the graph.
	CANDIDATE ANSWER Options: (Expected answer indicated with a tick) <div> <input checked="" type="radio"/> TRUE</div> <div><input type="radio"/> FALSE</div> No Comments