> Correct answer!   ✕

Review your last 10 questions

6 days, 4 hours remaining until quiz ends.

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Your Stats	
Not attempted questions(Timed out)	0
Skipped questions	0
Correct questions	4
Incorrect questions	5
Marked Ambiguous	1
Total Questions	20

1/10

You want to read a dataset and it has column `col1` containing dates but in string format. You wish to read csv using pandas and convert `col1` column to date format.

-
  ```
  dtypes = {'col1': 'str', 'col2': 'str', 'col3': 'str', 'col4':
  'float'}
  parse_dates = ['col1']
  df=pd.read_csv(file,dtype=dtypes, parse_dates=parse_dates)
  ```

-
  ```
  dtypes = {'col1': 'datetime64', 'col2': 'str', 'col3': 'str', 'col4':
  'float'}
  df=pd.read_csv(file,dtype=dtypes)
  ```

- 1,2

-
  ```
  dtypes = {'col2': 'str', 'col3': 'str', 'col4': 'float'}
  pd.read_csv(file,dtype=dtypes, parse_dates=True)
  ```

- all

Incorrect

2/10

What will be the output after the execution of the following statement?

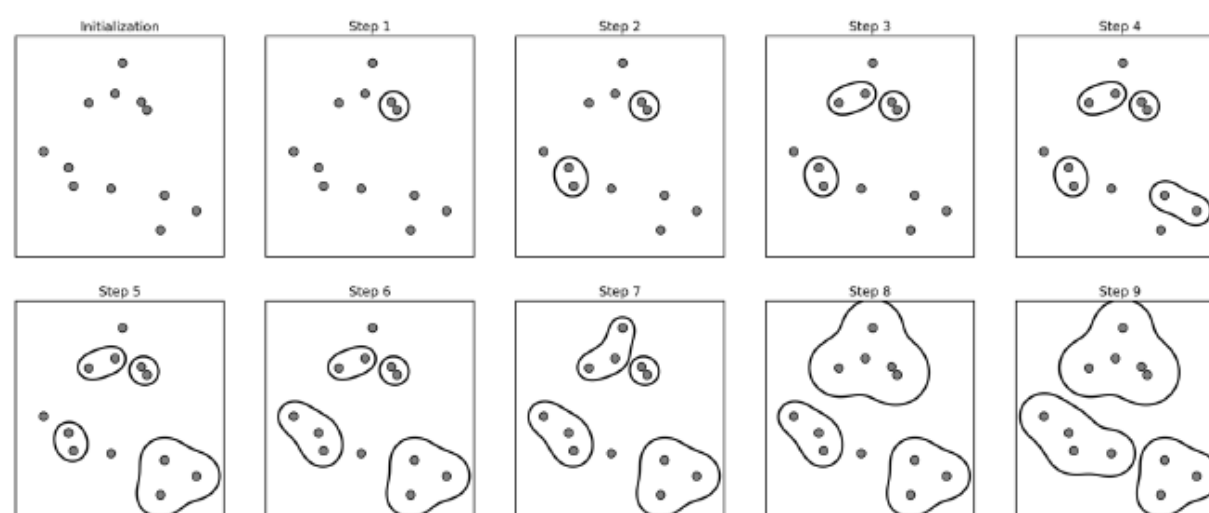print(R'python is fun {}'.format('and interesting'))

- SyntaxError

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- AttributeError

- python is fun {}

- python is fun and interesting

Correct

3/10

Answer the question using the following image:

Source: *Introduction to machine learning using python,* Andreas C. Müller & Sarah Guido

```
Complete the below to perform the type of clustering as depicted in the
image above:

(data points are contained in X)

from sklearn.___1___ import ___2___
clustering = ___2___(n_clusters=3)
assignment = clustering.___3___(X)
```

- ```
  1 - cluster
  2 - KMeans
  3 - fit_transform
  ```

- ```
  1 - clustering
  2 - AgglomerativeClustering
  3 - fit_predict
  ```

- ```
  1 - clustering
  2 - KMeans
  3 - fit_transform
  ```

- ```
  1 - cluster
  2 - AgglomerativeClustering
  3 - fit_predict
  ```

Incorrect

4/10

What is the output of the code shown below?

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>>>re.split(r'(a)(t)', 'Analytics Vidhya Data science')

- ['n', 'ly', 'tics Vidhy', 'D', 'science']

- ['Analytics', 'Vidhya', 'Data', 'science']

- 'Analytics Vidhya Data science'

- ['Analytics Vidhya D', 'a', 't', 'a science']

Incorrect

5/10

In a weibull distribution, gamma is the shape parameter or the threshold parameter.

When we increase the gamma value than 1, which statement is correct?

- The infantile rate will be higher than later

- The failure rates will be higher later than infantile rates

- The failure rates will decrement for some time only

- none

Correct

6/10

A man is known to speak truth 4 out of 6 times. He throws a die and reports that it is a six. Find the probability that it is actually a 6.

- 2/7

- 1/9

- 2/3

- 1

Incorrect

7/10

Which of the following distributions follows power law?

- Binomial distribution

- Geometric distribution

- Normal distribution

- Pareto distribution

Incorrect

8/10

	tweet
0	@user when a father is dysfunctional and is s...
1	@user @user thanks for #lyft credit i can't us...
2	bihday your majesty
3	#model i love u take with u all the time in ...
4	factsguide: society now #motivation

```
Given the dataset what is the following code doing? Choose most correct
option.

train[`tweet`] = train[`tweet`].str.replace(`[^\w\s]`,``)
```

- removing punctuations

- removing spaces

- removing hashtags

- removing stopwords

Correct

9/10

Which of the following is/are true?

- Recall is same as true positive rate, whereas precision is same as true negative rate

- Recall is same as true positive rate, whereas precision is same as true negative rate

- Both recall and precision emphasise on the positive class datapoints

- Both a and c

- Both b and c

- None of the above

Marked Ambiguous

10/10

Mean carbon isotope composition in the indian ocean is 1% with a 95% confidence interval from 0.3-1.6%.

while Mean carbon isotope composition in the indian ocean is 0.15%.

which of the following is true ?

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- Both the samples are taken from the same population

- It's unlikely that the samples are taken from the same population.

- We can't say

- Inadequate information

Correct

ℹ Suggested reading

[Ultimate guide to deal with Text Data (using Python) - for Data Scientists & Engineers](#)

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