Review your last 10 questions

3 days, 2 hours remaining until quiz ends.

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Your Stats	
Not attempted questions(Timed out)	0
Skipped questions	3
Correct questions	3
Incorrect questions	4
Marked Ambiguous	0
Total Questions	150

1/10

```
A data scientist wants to process the following text(in Spanish) using the
spacy library:

'''
8PM- Friday -  Soy un estudiante en mi cuarto año de universidad.
Aspiro a convertirme en un científico de datos y trabajar duro para lograr
mi objetivo.
Me encanta jugar con datos y crear algoritmos complejos de aprendizaje
automático.
'''

(Assume the text is stored in variable s)
```

```
Complete the code to display each token of the text and store the fifth
token in variable fifth_token:


from spacy.?1? import ?2?

nlp = ?2?()

doc = nlp(s)

for each in doc:

    print(each.?3?)

fifth_token = ?4?
```

- 1- lang.es

  2 - Spanish()

  3 - text

  4 - doc.text[5]

- 1- lang.en

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2 - Spanish()

3 - text

4 - doc.tokens[5]

- 1- lang.en

  2 - English()

  3 - token

  4 - doc.tokens[5]

- 1- lang.es

  2 - Spanish()

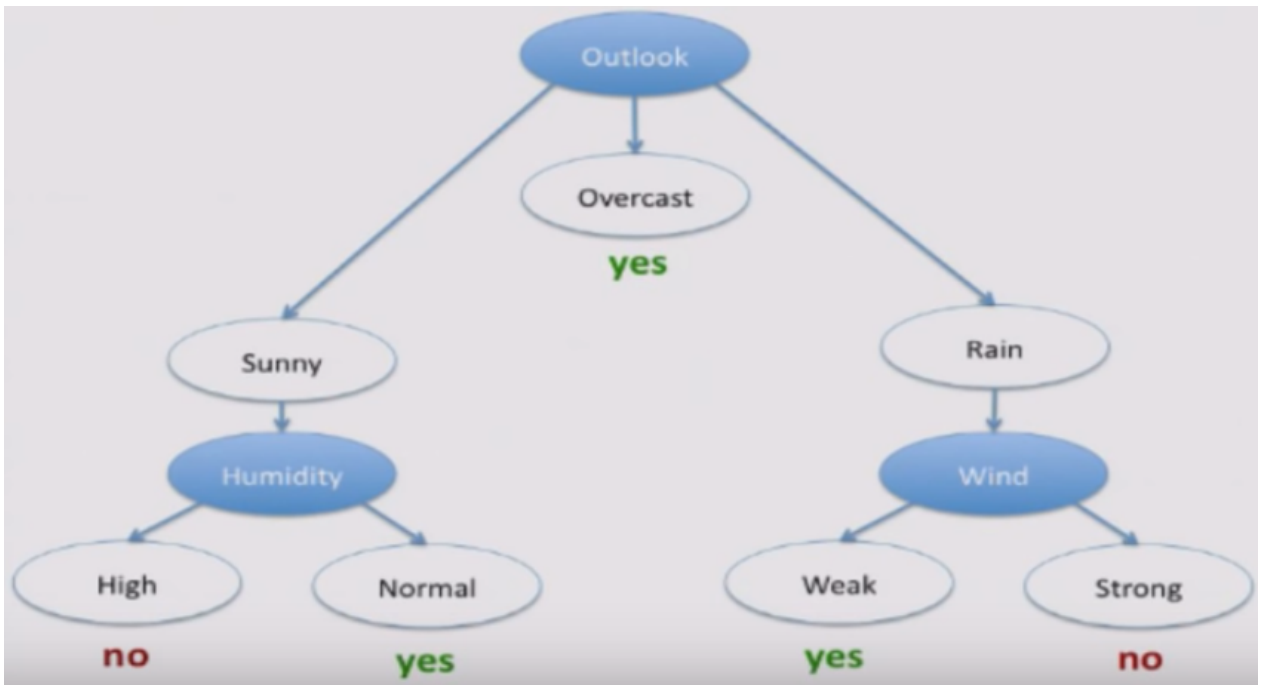
  3 - text

  4 - doc[5]

Skipped

2/10

A data science internship applicant James was assigned a task to prepare a model that could predict whether a selected person will play football on a certain day given some specific whether conditions. He decided to use decision tree model, after analysis, James obtained decision looked like the image shown below. Answer the questions based on the given information.



Which of the following are the terminal nodes as per the image shown above?

- High and Normal
- Weak and Strong
- High , Normal, Weak and Strong
- High , Normal, Weak, Strong and Overcast

Correct

3/10

Online Chat

What does the following snippet do when a list 'a' is passed to it?

```
for i in range( len(a) ):
    for j in range(i+1, len (a) ):
        if a[ i ]<a[ j ]:
            a[ i ] , a[ j ]=a[ j ] , a[ i ]
```

- It checks if the elements of a given list are in ascending order
- It checks if the elements of a given list are in descending order
- It sorts the elements of a given list in ascending order
- It sorts the elements of a given list in descending order

Skipped

4/10

Suresh has been given a numpy array *a,* declared as

```
a=np.array([0, 1, 2, 3, 4, 5, 6, 7, 8, 9])
```

He wants to create a new array *b* which contains the same number of elements as *a,* and wants to replace all the elements lesser than 2 by 2 and all the elements greater than 6 by 7 i.e b should contain [2, 2, 2, 3, 4, 5, 6, 7, 7, 7].

Which of the following can help him do this?

- `b=a[a<2=2 and a>7=7]`
- `b=a[a<2=2 & a>7=7]`
- `b=a.copy([a<2=2 and a<7=7])`
- None of these

Skipped

5/10

Which function can be used for finding the given pattern in the sentence using regular expression?

import re

sentence= ‘Data science is best taught by Analytics Vidhya’

pattern= ‘Data’

a. re.match(pattern,sentence)

b. re.search(pattern,sentence)

c. re.sub(pattern,sentence)

d. re.findall(pattern,sentence)

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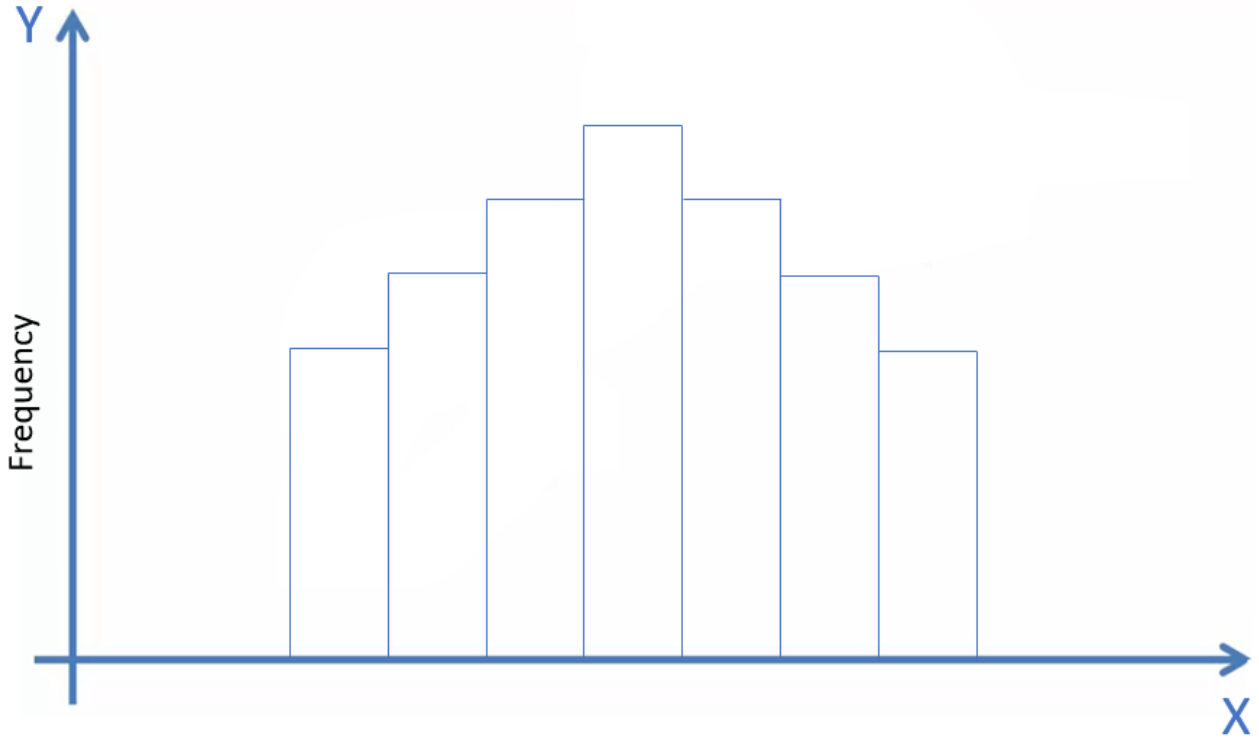
- b and d.
- a and d.
- only d.
- a, b and d.

Incorrect

6/10

A statistics student James participated in a competition, he was given a dataset that can be visually represented as given below. Using the graph, answer the following questions.



Where will the mean of this data lie.

- On the left of the peak
- On the right of the peak
- On the peak
- Cannot say

Correct

7/10

Himanshu wrote the following code in Python:

```
import spacy
nlp=spacy.load(`en_core_web_sm`)
text = `We\`re moving to U.K.!`
doc= nlp(text)
```

The tokens in the string text are:

```
We
`re
moving
to
U.K.
!
```

Which of the following will print the output as **We**?

- `print(doc[0])`
- `print(doc[0:2])`
- `print(doc[0,1])`
- print(doc[1])

Correct

8/10

A sample of batsmen is picked from India and West Indies and is distributed as shown below:

	Indian	**West Indian**	Row Total
Left-handed	1	9	10
Right-handed	11	3	14
Column total	12	12	21

Mr. X hypothesized that the proportion of left-handed batsman is higher among the West Indians than among the Indians, and we want to test whether any difference of proportions that we observe is significant. He wants to know what is the probability that these 10 left-handed batsmen would be so unevenly distributed between West-Indians and the Indians. Which test should he perform on this data?

- Chi-squared test
- Fisher's exact test
- Binomial test
- Likelihood-ratio test

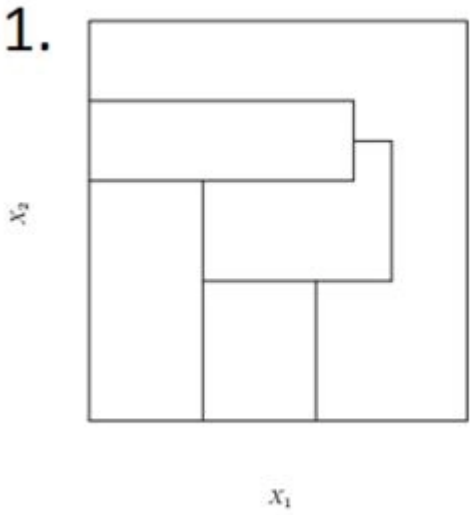
Incorrect

9/10

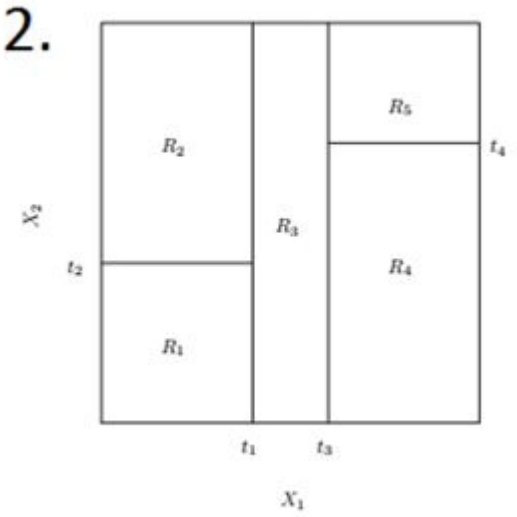
Which of the following could not beresultof two-dimensional feature space from natural recursive binary split?

Online Chat

1.



2.



- 1 only
- 2 only
- 1 and 2
- None

Incorrect

10/10

Random forest can be applied for

- Classification problem
- Regression problem
- Both
- none

Incorrect

Suggested reading

Intuitive Understanding of Word Embeddings: Count Vectors to Word2Vec

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