

Review your last 10 questions

3 days, 1 hour remaining until quiz ends.



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Your Stats	
Not attempted questions(Timed out)	0
Skipped questions	0
Correct questions	4
Incorrect questions	6
Marked Ambiguous	0
Total Questions	220

1/10

A startup is working on the recommendation engine for their platform. They first collected the ratings of different services and analysed. Which of the following results make the use of Latent Factor based model significant?

- Low correlation between rating of services
- High level of sparsity
- Low level of sparsity(approximately 0.1%)
- None of the above

Incorrect

2/10

Kirk is working on a binary classification problem, which has a total of 1000 datapoints in the training set. Further it is given that this dataset has a total of 950 datapoints with a 'positive' label. He doesn't want to use Laplace smoothing.

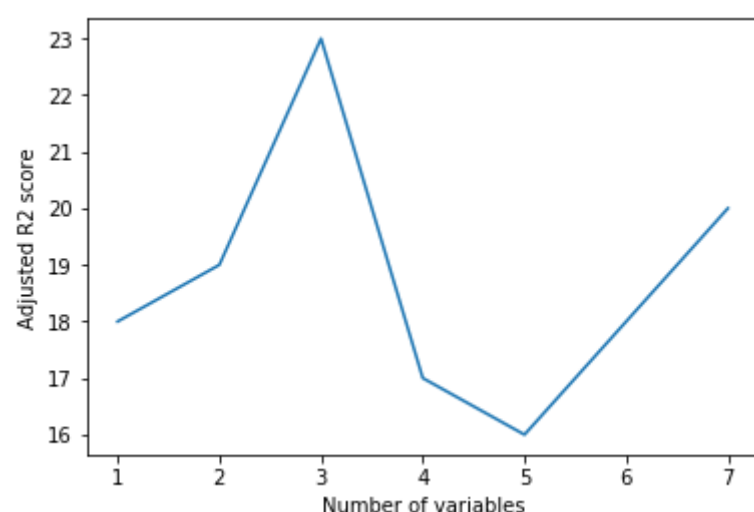
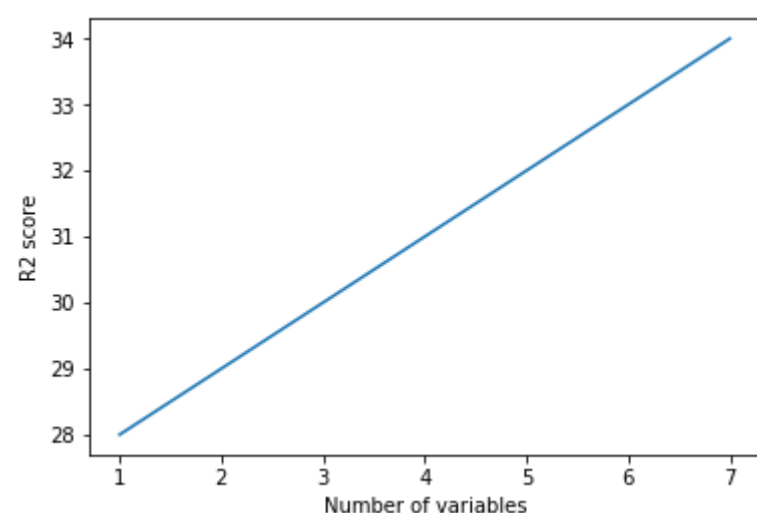
What will be the relation between the priors of both classes?

- Prior of positive label > prior of negative label
- prior of negative label > prior of positive label
- prior of positive label = prior of negative label
- None of the above

Correct

3/10

Mr. X was trying to make a regression model. To make a good model he used different number of features. He then plotted two graphs one for r^2 and another for adjusted r^2 . Based on these two graphs which of the following is true ?



- Variables added after third variable were irrelevant
- Third variable was significantly more important
- All features are equally important
- Both a and c
- Both a and b

Incorrect

4/10

A researcher concludes from his analysis that a placebo cures AIDS. He analysed a sample of size 1000. What type of error is he making?

- Type 1
- Type 2
- No error
- Cannot be determined

Incorrect

Online Chat ^

5/10

There are 15 students in a class. They all secure the following marks in a test out of 10:

10,9,4,6,8,9,1,6,8,10,4,6,7,7,6

Find out the geometric mean of the following data:

- 6.04
- 6.64
- 6.01
- 6.4

Correct

6/10

Which of these is not a hyperparameter in decision trees?

- criterion
- max_depth
- max_features
- n_estimators

Incorrect

7/10

In a DBSCAN algorithm, initially three clusters are made which are clearly separable. Which of the following statements is true if the maximum distance between the two points in a cluster started to increase (assuming the minimum number of samples in a cluster is low enough)?

- The model will be more outlier sensitive
- The number of clusters will start increasing
- The number of clusters will start decreasing
- Cannot be determined

Incorrect

8/10

Rahul downloaded Google`s pretrained word2vec trained on google news dataset. He now wants to load the model using gensim library.

Help him complete the code.

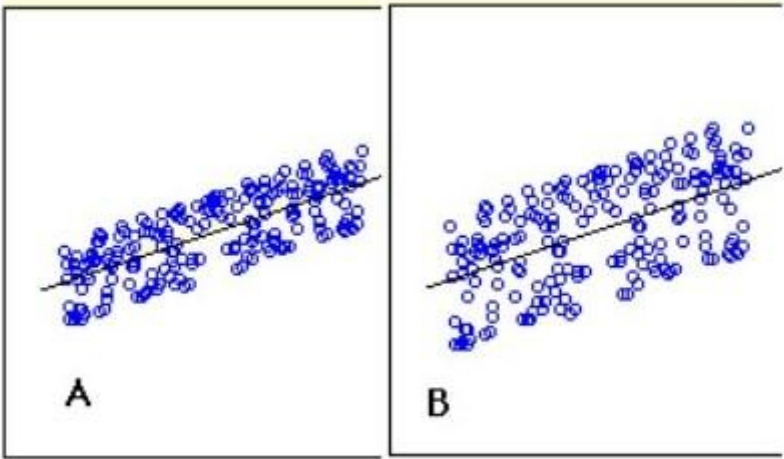
```
from gensim.models import Word2Vec

model = Word2Vec.____1____(`GoogleNews-vectors-negative300.bin`,
binary=True, norm_only=True)
```

- load_word2vec_format
- load_word2vec
- load
- word2vec_format

Correct

9/10



Which of the above graph has higher sum of residuals?

- A
- B
- sum of residuals of A and B are equal
- Need more data

Incorrect

10/10

The sigmoid function is popular activation function. Which of the following is true for sigmoid function?

- It`s maximum value is less than 0.5
- It`s maximum value is 0.5
- It`s maximum value is 1

- It's maximum value approaches infinity

Correct

i Suggested reading

[7 Most Commonly Asked Questions On Correlation, Simple Linear Regression](#)

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