

ISLEVER

DS-200

Data Science Essentials Beta

DEMO

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QUESTION NO: 1

Why should stop an interactive machine learning algorithm as soon as the performance of the model on a test set stops improving?

- A. To avoid the need for cross-validating the model
- B. To prevent overfitting
- C. To increase the VC (VAPNIK-Chervonenkis) dimension for the model
- D. To keep the number of terms in the model as possible
- E. To maintain the highest VC (Vapnik-Chervonenkis) dimension for the model

Answer: B

Explanation:

QUESTION NO: 2

What is default delimiter for Hive tables?

- A. ^A (Control-A)
- B. , (comma)
- C. \t (tab)
- D. : (colon)

Answer: A

Reference:<http://blog.spryinc.com/2013/10/four-useful-tricks-for-working-with-hive.html>(change the delimiter when exporting hive table)

QUESTION NO: 3

Certain individuals are more susceptible to autism if they have particular combinations of genes expressed in their DNA. Given a sample of DNA from persons who have autism and a sample of DNA from persons who do not have autism, determine the best technique for predicting whether or not a given individual is susceptible to developing autism?

- A. Native Bayes
- B. Linear Regression
- C. Survival analysis
- D. Sequencealignment

Answer: B

Explanation:

QUESTION NO: 4

You are working with a logistic regression model to predict the probability that a user will click on an ad. Your model has hundreds of features, and you're not sure if all of those features are helping your prediction. Which regularization technique should you use to prune features that aren't contributing to the model?

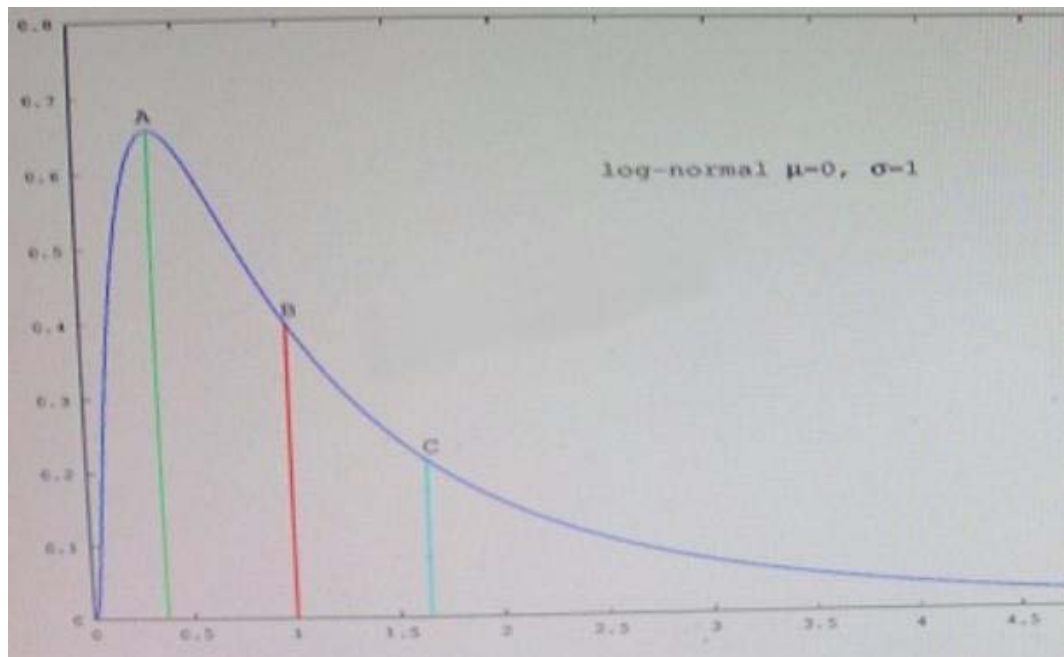
- A. Convex
- B. Uniform
- C. L2
- D. L1

Answer: A

Explanation:

QUESTION NO: 5

Refer to the exhibit.



Which point in the figure is the median?

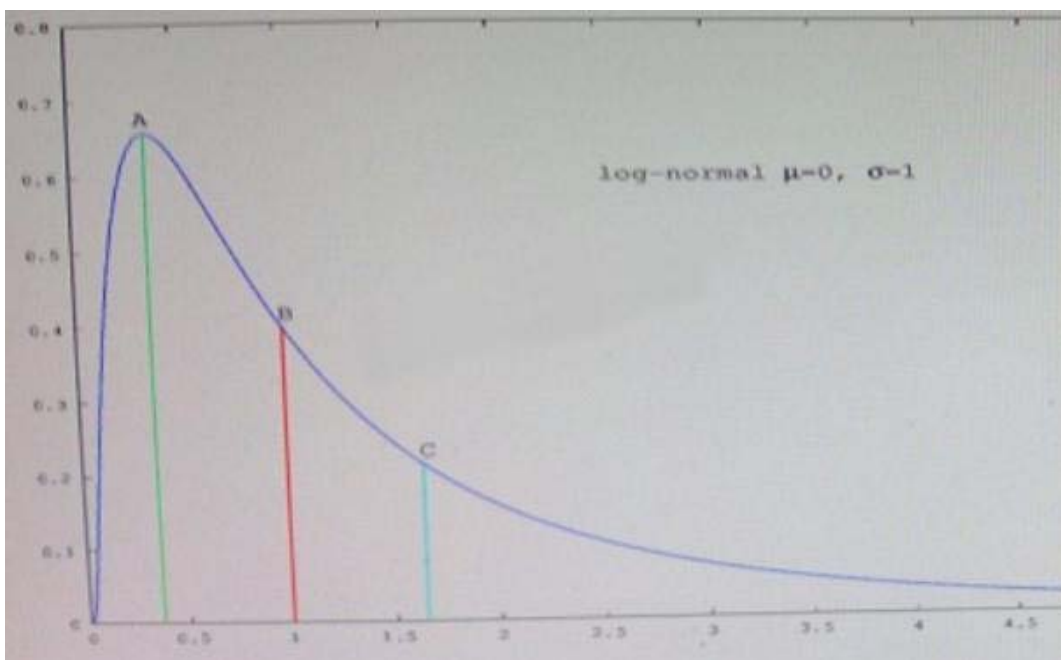
- A. A
- B. B
- C. C

Answer: A

Explanation:

QUESTION NO: 6

Refer to the exhibit.



Which point in the figure is the mode?

- A. A
- B. B
- C. C

Answer: C

Explanation:

QUESTION NO: 7

Refer to the exhibit.