



Vendor: SAS

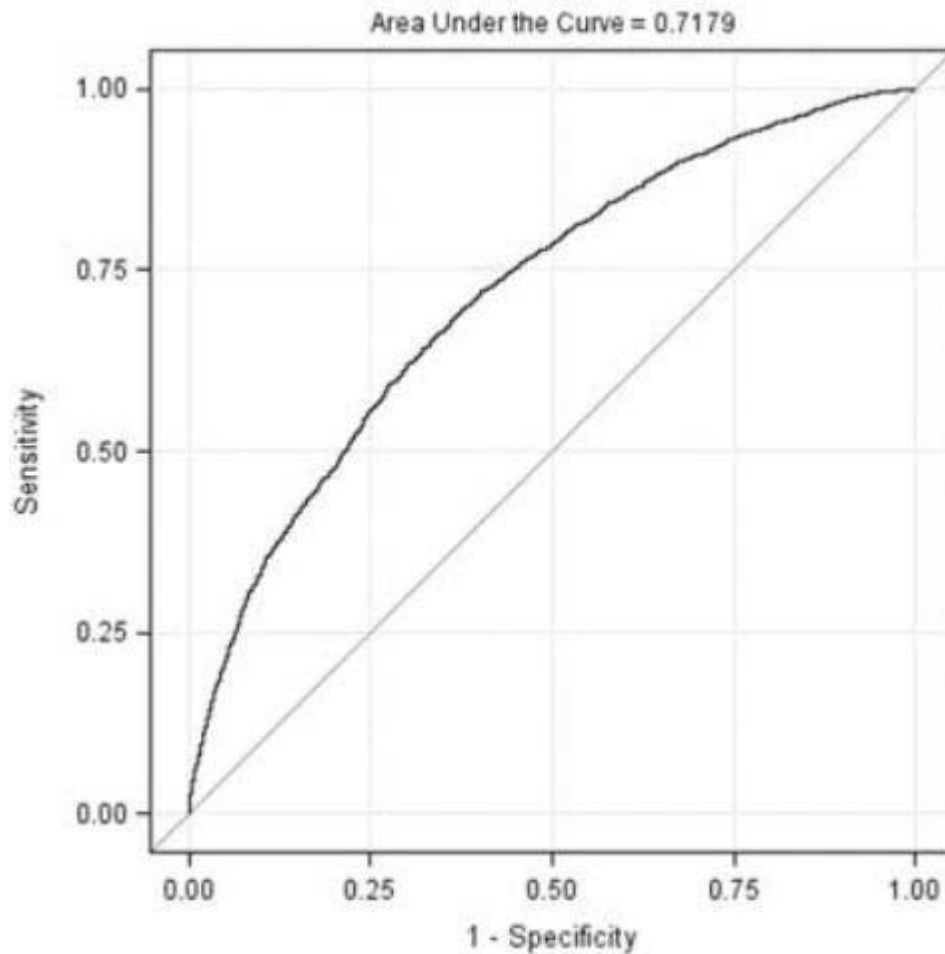
Exam Code: A00-240

Exam Name: SAS Statistical Business Analysis SAS9:
Regression and Model Exam

Version: DEMO

QUESTION 1

Refer to the ROC curve:



As you move along the curve, what changes?

- A. The priors in the population
- B. The true negative rate in the population
- C. The proportion of events in the training data
- D. The probability cutoff for scoring

Answer: D

QUESTION 2

When mean imputation is performed on data after the data is partitioned for honest assessment, what is the most appropriate method for handling the mean imputation?

- A. The sample means from the validation data set are applied to the training and test data sets.
- B. The sample means from the training data set are applied to the validation and test data sets.
- C. The sample means from the test data set are applied to the training and validation data sets.
- D. The sample means from each partition of the data are applied to their own partition.

Answer: B

QUESTION 3

An analyst generates a model using the LOGISTIC procedure. They are now interested in getting the sensitivity and specificity statistics on a validation data set for a variety of cutoff values. Which statement and option combination will generate these statistics?

- A. Score data=valid1 out=roc;
- B. Score data=valid1 outroc=roc;
- C. model resp(event= '1') = gender region/outroc=roc;
- D. model resp(event="1") = gender region/ out=roc;

Answer: B

QUESTION 4

Which SAS program will divide the original data set into 60% training and 40% validation data sets, stratified by county?

- ☐ A.

```
proc surveyselect data=SASUSER.DATABASE samprate=0.6 out=sample;
    strata county;
run;
```
- ☐ B.

```
proc sort data=SASUSER.DATABASE;
    by county;
run;
proc surveyselect data=SASUSER.DATABASE samprate=0.6 out=sample outall;
run;
```
- ☐ C.

```
proc sort data=SASUSER.DATABASE;
    by county;
run;
proc surveyselect data=SASUSER.DATABASE samprate =0.6 out=sample outall;
    strata county;
run;
```
- ☐ D.

```
proc sort data=SASUSER.DATABASE;
    by county;
run;
proc surveyselect data=SASUSER.DATABASE samprate =0.6 out=sample;
    strata county;
run;
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

QUESTION 5

In partitioning data for model assessment, which sampling methods are acceptable? (Choose

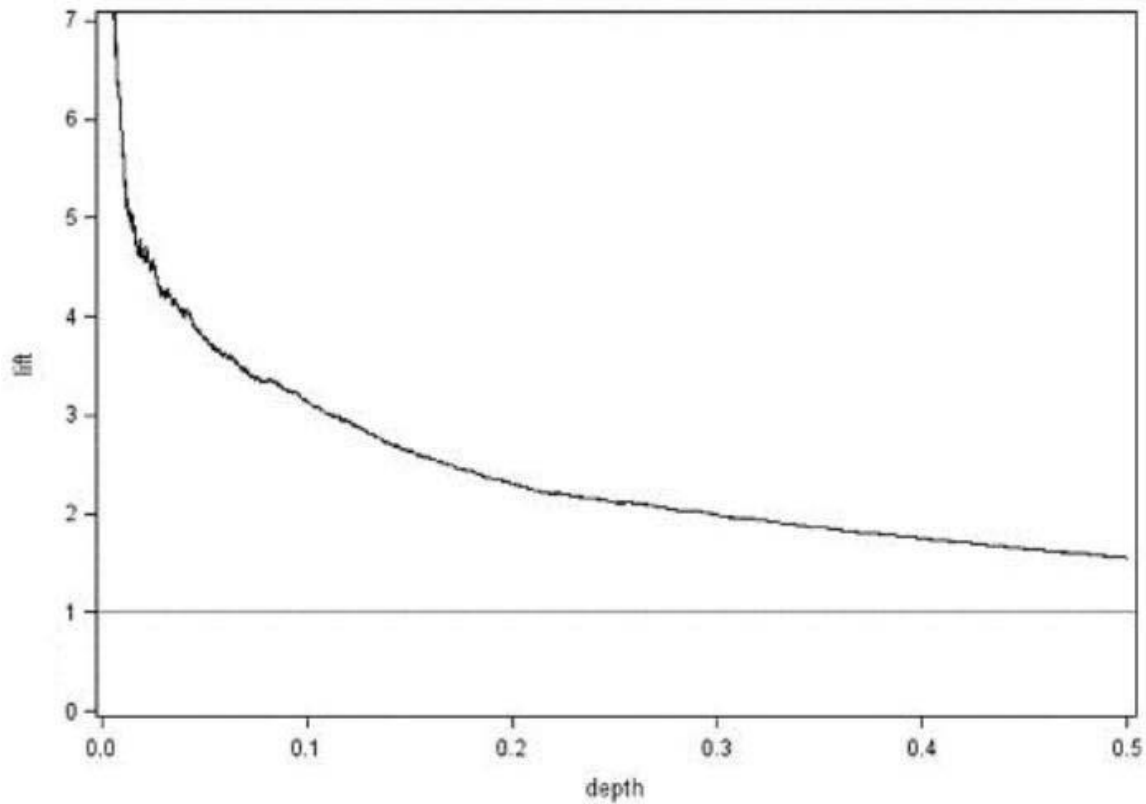
two.)

- A. Simple random sampling without replacement
- B. Simple random sampling with replacement
- C. Stratified random sampling without replacement
- D. Sequential random sampling with replacement

Answer: AC

QUESTION 6

Refer to the lift chart:



At a depth of 0.1, Lift = 3.14. What does this mean?

- A. Selecting the top 10% of the population scored by the model should result in 3.14 times more events than a random draw of 10%.
- B. Selecting the observations with a response probability of at least 10% should result in 3.14 times more events than a random draw of 10%.
- C. Selecting the top 10% of the population scored by the model should result in 3.14 times greater accuracy than a random draw of 10%.
- D. Selecting the observations with a response probability of at least 10% should result in 3.14 times greater accuracy than a random draw of 10%.

Answer: A

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