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**H i g h e r   Q u a l i t y**

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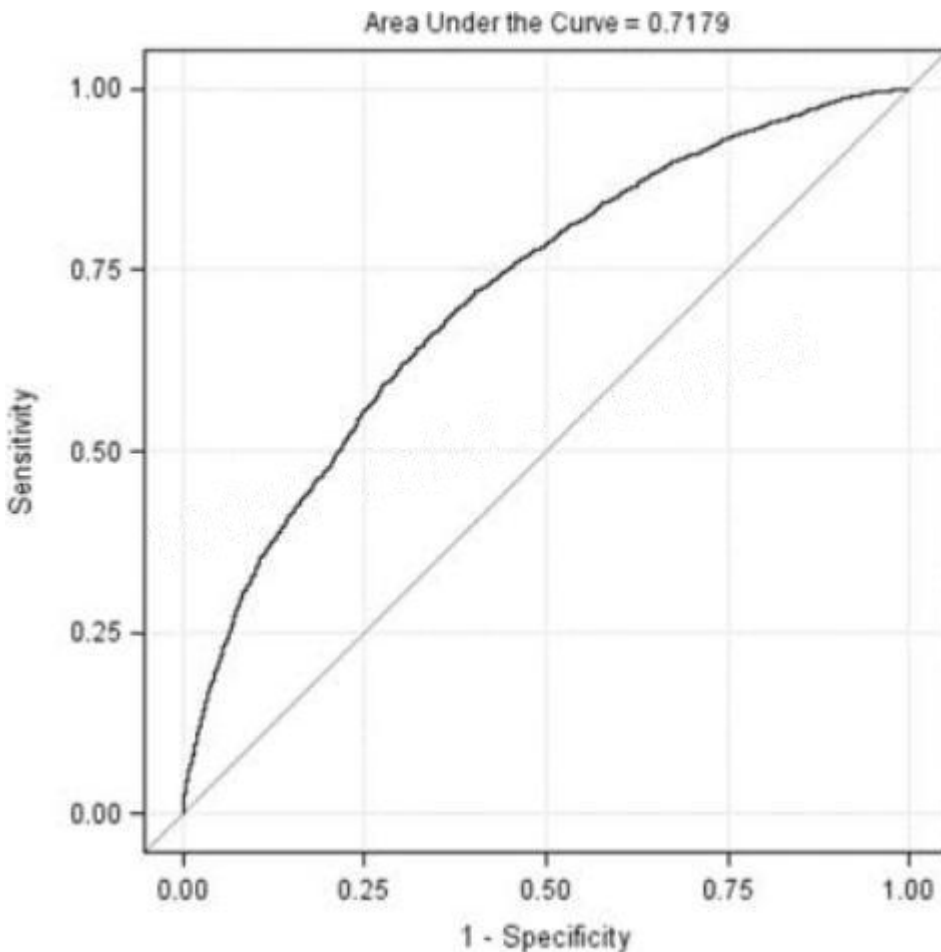
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**Exam** : **A00-240**

**Title** : SAS Certified Statistical  
Business Analyst Using SAS  
9: Regression and Modeling  
Credential

**Version** : DEMO

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**

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**

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. mode1 resp(event= '1') = gender region/outroc=roc;
- D. mode1 resp(event="1") = gender region/ out=roc;

**Answer: B**

4.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: A,C**

5.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**