

Q1.Diagnostic analysis is based on "What happened"

- A. true
- B. false

Correct Option:B

EXPLANATION : Diagnostic Analysis is based on "What happened"

Q2.Examining of Income Sheets comes under which of the following analysis

- A. Risk Analysis
- B. Corruption Analysis
- C. Customer Analysis
- D. Resource Analysis

Correct Option:A

EXPLANATION : Examining of Income statement comes under Risk Analysis

Q3.In Logistic Regression, dependent Variable is Binary in nature.

- A. TRUE
- B. FALSE

Correct Option:A

EXPLANATION : True In Logistic regression, dependent variable is binary in nature

Q4.What is the type of the regression called, if you want to check the strength of dependent variable based on more than one independent variable?

- A. Linear Regression
- B. Multi Linear Regression
- C. Logistic Regression
- D. None of them

Correct Option:B

EXPLANATION : When we use more than one independent variable that regression is called multi regression

Q5.Decision Tree is not a type of Multivariate Analysis.

- A. TRUE
- B. FALSE

Correct Option:B

EXPLANATION : Decision Tree is a type of Multivariate Analysis

Q6.Which of the following keywords is used to hold values in variables?

- A. Input
- B. Infile
- C. Datalines
- D. Run

Correct Option:A

EXPLANATION : Input is the keyword that is used to hold values in variables

Q7._N_ is a automatic variable

TRUE

FALSE

Correct Option:A

EXPLANATION : _N_ is automatic variable

Q8.Which of the following keywords is used to hold Dataset in Procedure?

- A. DataName
- B. Data
- C. Dataset
- D. Data Run

Correct Option:B

EXPLANATION : Data keyword is used to hold dataset in Procedure

Q9.Which of the following keywords is used to create library?

- A. LIBNAME
- B. LIBREF
- C. LIBASSIGN
- D. LIBVAL

Correct Option:A

EXPLANATION :LIBNAME is used to create library

Q10.What does a dollar sign refer to in the following program?Data Work.Electronic;Input Product \$;Run;

- A. Define Numeric Variable
- B. Define Boolean Variable
- C. Defines Character Variable
- D. None of them

Correct Option:C

EXPLANATION:Variable name with "\$" sign define character as datatype

Q11.Which of the following is automatically generated by dataset?

- A. _Error_
- B. Character Variables
- C. Numeric Variables
- D. None of the above

Correct Option:A

EXPLANATION : _Error_ and _N_ automatic variables are generated automatically

Q12.Which of the following keywords is used to remove duplicate rows?

- A. Unique
- B. Duplicate
- C. Distinct
- D. Remove

Correct Option:C

EXPLANATION : Distinct keyword is used in SAS to remove duplicate rows

Q13.Which of the following Clauses is used in Proc SQL to apply comparison filter

- A. Select
- B. Having
- C. Remove
- D. Where

Correct Option:D

EXPLANATION : Where clause is used to apply comparison filter

Q14.Which of the following PROC SQL statements is used to sort data?

- A. Order BY
- B. Ascending Order
- C. Descending Order
- D. Sorting

Correct Option:A

EXPLANATION : Order By is used to sort data

Q15.Which case expression can be used to compare the values

- A. IF
- B. True
- C. Select
- D. When

Correct Option:D

EXPLANATION : We can compare values using When statement

Q16.Which of the following does the Inner Join in Proc SQL display?

- A. Non Matching records from left hand side table
- B. All matching records
- C. Non Matching and Matching Records
- D. Matching records from left handside table

Correct Option:B

EXPLANATION : Inner Join in Proc SQL displays all matching records

Q17.Which of the following is displayed by a left outer join?

- A. Displays all rows (records) from the left table, with the matching rows in the right table
- B. All non matching records
- C. Non Matching and Matching Records
- D. Non Matching records from left handside table

Correct Option:A

EXPLANATION : Left outer Join displays all non matching records from left hand side table along with common records between tables

Q18.Which of the following keywords is used to generate table in SAS?

- A. Generate
- B. Join
- C. Make
- D. Create

Correct Option:D

EXPLANATION : Create keyword is used in SAS to create table

Q19.What is the function of select command in Proc SQL?

- A. Select values
- B. Select Variables
- C. Select Sorting Technique
- D. Select where clause

Correct Option:B

EXPLANATION : Select command in Proc SQL is used to select variables for datasets

Q20.Which of the following can be classified as outer joins?

- A. Left Outer Join
- B. Right Outer Join
- C. Cross Join
- D. Both a and b

Correct Option:D

EXPLANATION : There are two outer joins. Left Outer Join and Right Outer Join

Q21.Which of the following keywords is used to define Alias name to columns?

- A. Ref
- B. Reference
- C. Label
- D. AS

Correct Option:D

EXPLANATION : AS keyword is used to define Alias name of variables

Q22.What does the select keyword do in the following program? Proc SQL; Create Table Electronic_Data1 as Select Order_ID, Product, Sales From Electronic; Quit;

- A. Select Order ID, Product and Sales column from Electronic Dataset
- B. Generates Electronic_Dataset5
- C. Sort Electronic Dataset
- D. None of above

Correct Option:A

EXPLANATION : Select keyword will select the columns from dataset

Q23.Which of the following Procedures is used to create descriptive analysis?

- A. Proc Print
- B. Proc Contents
- C. Proc Means
- D. D.None of above

Correct Option:C

EXPLANATION : Proc Means is used to generate Descriptive statistics

Q24.Which of the following procedures is used to create histogram?

- A. Proc Hist
- B. Proc Histogram
- C. Proc SGPLOT
- D. Proc Create

Correct Option:C

EXPLANATION:Proc SGPLOT is used to create histogram in SAS

Q25.What does ANOVA stand for?

- A. Analysis of variables
- B. Analysis of Variance
- C. Analysis of values
- D. None of above

Correct Option:B

EXPLANATION:ANOVA stands for Analysis of Variance

Q26.What is a column Chart with two regions data called?

- A. Descriptive Statistics
- B. Inferential Statistics
- C. Both a and b
- D. None of above

Correct Option:A

EXPLANATION:Column Chart is part of descriptive statistics

Q27.What does null hypothesis mean?

- A. Dataset have equal observations
- B. Mean and Average of populations are equal
- C. Mean and Average of populations are not equal
- D. None of the above

Correct Option:B

EXPLANATION : Null hypothesis means, mean and average of populations are equal

Q28.Small p-value (typically ≤ 0.05) indicates strong evidence against the null hypothesis

- A. true
- B. false

Correct Option:A

EXPLANATION :Strong P value indicates strong evidence against null hypothesis

Q29.Proc Reg is used for Regression Analysis

- A. TRUE
- B. FALSE

Correct Option:A

EXPLANATION:Proc Reg Procedure is used for regression analysis

Q30.Hypothesis Testing procedure is further divided into:

- A. Continuos and Discontinuos
- B. Small and Large
- C. Parametric and Non Parametric
- D. Descriptive and Inferential

Correct Option:C

EXPLANATION:Hypothesis testing is further divided into Parametric and Non Parametric test

Q31.Which of the following tests depends on the Probability distribution.

- A. Parametric Test
- B. Non Parametric
- C. Wilcoxon Rank Sum Test
- D. Both A and B

Correct Option:A

EXPLANATION:Parametric Test depends on probability distribution

Q32.By Default, Proc Means generates_____

- A. N, Means, STD

- B. MAX and Min variable
- C. N, Means, STD, MAX and Min variable
- D. N, Means, STD and Min variable

Correct Option:C

EXPLANATION : N, Means, STD, MAX and Min variable are default variables

Q33.Which of the following two statements are required in PROC ANOVA?

- A. Class and By
- B. Class and Freq
- C. By and Var
- D. Class and Module

Correct Option:D

EXPLANATION:Class and Module are mandatory in Proc ANOVA

Q34.Which of the following statements is used to specify Regression model?

- A. Proc Univariate
- B. Proc CORR
- C. Proc Reg
- D. Proc Print

Correct Option:C

EXPLANATION :Proc Reg is used to specify Regression model

Q35.Which of the following options is used to create normal curve in the Histogram Chart?

- A. Normal_Curve
- B. Normal
- C. Normal_Line
- D. Line

Correct Option:B

EXPLANATION : Normal option is used to give normal curve in histogram

Q36.Can Proc Means analyse only Character Variables?

- A. Yes
- B. No, required atleast one numeric variable
- C. Optional
- D. None of above

Correct Option:B

EXPLANATION : No, proc means cannot analyse character variables

Q37.Which of the following is the dependent variable in Logistic Regression?

- A. Continuous

- B. Binary in Nature
- C. Not necessary in Use
- D. Optional

Correct Option:B

EXPLANATION : In Logistic regression dependent variables are binary in nature

Q38.To Perform K means Clustering, which of the following Procedures is used in SAS?

- A. Proc Cluster
- B. Proc Fastclus
- C. Proc Reg
- D. Proc Modeclus

Correct Option:B

EXPLANATION : Proc Fastclus is used for K means clustering

Q39.How many independent variables can be used in Multiple regression?

- A. 4
- B. 5
- C. As many as possible
- D. 1

Correct Option:C

EXPLANATION:We can use as many as possible independent variables in Multiple regression

Q40.Which of the following analysis techniques is performed to create segments?

- A. Logistic Regression
- B. Linear Regression
- C. Clustering
- D. Decision Tree

Correct Option:D

EXPLANATION : Decision Tree analysis is performed to create segments.

Q41.Which of the following statements is used to define dependent and Independent variable in Proc Reg?

- A. Class
- B. Model
- C. Var
- D. ID

Correct Option:B

EXPLANATION : Model is used to define dependent and independent variables

Q42.RMSSTD option in PROC CLUSTER defines:

- A. Root Mean Square Standard Deviation of each Cluster
- B. R square of each cluster

- C. Root Mean of each Cluster
- D. Standard Deviation of Each Cluster

Correct Option:A

EXPLANATION : RMSSTD is used in Proc Cluster to define root mean square standard deviation of each Cluster

Q43.Which of the following keywords is used to define constraint in program?

- A. Cons
- B. Con
- C. Const
- D. Limit

Correct Option:B

EXPLANATION : Con keyword is used to define constraints

Q44.Which of the following statements in SAS program will solve the linear equation

- A. Solution
- B. Print
- C. Solve
- D. Var Solution

Correct Option:C

EXPLANATION : Solve is used to solve linear, nonlinear, quadratic programming problems.

Q45.To display variable value result in the output, which of the following keyword should be used?

- A. Show
- B. Print
- C. Display
- D. Proc Show

Correct Option:B

EXPLANATION : Proc Print is used to display variable value result in the output

Q46.Which of the following problems can be solved using PROC OPTMODEL?

- A. Linear Programming Problems
- B. Quadratic Programming Problems
- C. Non Linear Programming Problems
- D. All of the above

Correct Option:D

EXPLANATION:Linear Programming Problems, Quadratic Programming Problems, and Non Linear Programming Problems can be solved with OPTMODEL procedure

Q47.The following SAS program is submitted: data WORK.LOOP; X = 0; do Index = 1 to 5 by 2; X = Index; end; run; Upon completion of execution, what are the values of the variables X and Index in the SAS data set named WORK.LOOP?

- A. X = 3, Index = 5
- B. X = 5, Index = 5
- C. X = 5, Index = 6
- D. X = 5, Index = 7

Correct Option:D

EXPLANATION : X will display the last limit value of index and index adds 2 on last value because of "by 2 "command.

Q48.The following SAS program is submitted: proc format; value score 1 - 50 = 'Fail' 51 - 100 = 'Pass'; run; Which of the following PRINT procedures steps applies the format correctly?

- A. proc print data = SASUSER.CLASS; var test; format test score; run;
- B. proc print data = SASUSER.CLASS; var test; format test score.; run;
- C. proc print data = SASUSER.CLASS format = score; var test; run;
- D. proc print data = SASUSER.CLASS format = score.; var test; run;

Correct Option:B

EXPLANATION : proc print data = SASUSER.CLASS; var test; format test score.; run; is the correct format

Q49.The following SAS program is submitted: data test; set sasuser.employees; if 2 le years_service le 10 then amount = 1000; else if years_service gt 10 then amount = 2000; else amount = 0; amount_per_year = years_service / amount; run; Which of the following values does the variable AMOUNT_PER_YEAR contain if an employee has been with the company for one year?

- A. 0
- B. 1000
- C. 2000
- D. Missing Numeric Values

Correct Option:D

EXPLANATION : It returns as the missing value.

Q50.The following SAS program is submitted: data work.accounting; set work.dept1 work.dept2; run; A character variable named JOBCODE exists in both the WORK.DEPT1 and WORK.DEPT2 SAS data sets. The variable JOBCODE has a length of 5 in the WORK.DEPT1 data set and a length of 7 in the WORK.DEPT2 data set. Which of the following is the length of the variable JOBCODE in the output data set?

- A. 5
- B. 7
- C. 8
- D. 12

Correct Option:A

EXPLANATION : SAS checks the variable Job_code in DEPT1 for the first time of length of 5 Bytes, it sets the length to be 5. All the values that are read from DEPT2 are truncated to Chars.