

Project Work: PG diploma in “Data Analytics with SPSS” – Jan, 2020
Note: Paste all following outputs in word file, edit, format for better appreciation. Submit the hard copy for evaluation by 5th Dec., 2020.

Max. Marks: 100

1. Define following variables in SPSS
 - i) CodeNo..... Num
 - ii) Age..... Num
 - iii) Gender..... Nominal, Levels: 1-Male, 2- Female
 - iv) Nationality..... Nominal, Levels: 1-Indian, 2-NRI
 - v) Weight..... Num
2. Enter 20 dummy data for above variables
3. Save file by giving name “PGSPSS_Your Roll No”
4. Paste..... Data View Window in MSWord
Variable View Window in MSWord
5. List data set: Print data list through report (summarize)
6. Check minimum , maximum values in your data set and paste outputs with syntax
7. Run frequency for Gender & Nationality and paste outputs with syntax
8. Prepare Bar diagram for Gender & Nationality and paste outputs with syntax
9. Recode age in three categories into Age_Code on the basis of percentiles and paste outputs with syntax with syntax
10. Prepare histogram for Age_Code and paste outputs with syntax
11. Calculate Mean, SD, Variance, Skewness, Kurtosis, Quartile, Minimum and Maximum for Age, Weight/by Gender. Demonstrate outputs by Split File command and paste outputs with syntax
12. Repeat 11 by
Nationality and paste outputs with syntax
13. Estimate Independent t-test
 - a) Age by Gender, Nationality and paste outputs with syntax. Interpret results.
 - b) Weight by Gender, Nationality and paste outputs with syntax. Interpret results.
14. Examine Chi-square test of independence for Gender by Nationality paste outputs with syntax. Interpret results.
15. Calculate Pearson correlation between Age and Weight and paste outputs with syntax. Interpret results.