As the owner of a consulting agency, parties frequently contact you for help conducting and interpreting statistical issues. Equally important, these clients need your policy recommendations.  Today, a lucrative contract comes across your desk. A local university provides two lists of 26 GRE scores and wants your input on which students should be admitted from each group into their program. They only want the top 25% of students in from the 52 applicants. Explain why you selected the students you did to meet their needs. Were an equal number of students selected from each group? Why or why not? How many students were rejected and why? The raw non-transformed scores are as follows for the two independent groups:

Group 1

1. 250
2. 500
3. 950
4. 880
5. 1250
6. 680
7. 1300
8. 300
9. 500
10. 750
11. 600
12. 900
13. 950
14. 880
15. 990
16. 560
17. 1150
18. 780
19. 880
20. 800
21. 450
22. 1080
23. 800
24. 680
25. 550
26. 600

Group 2

1. 350
2. 550
3. 1050
4. 890
5. 1350
6. 700
7. 1350
8. 370
9. 590
10. 790
11. 700
12. 985
13. 1000
14. 890
15. 990
16. 590
17. 1250
18. 790
19. 990
20. 700
21. 550
22. 1180
23. 900
24. 880
25. 750
26. 700

You will need to enter the scores for each group into SPSS to compute the z-scores. Include an identifying column (be sure this is a ‘string’ type variable (versus a ‘numeric type variable) when you enter this on ‘variable view’. This will allow you to know which people are in each group (e.g., for group one, their identifiers will be 1, 2, 3, 4…. In group two, their identifiers are a, b, c, d… Using your ‘writing up findings’ document as a guide, please provide a professional final report to your client. Please note that for this assignment, you’ll just need to deal with #1, 2, 8, and 9 on that document.

Remember that your client has no statistical background or knowledge. They just have a research question and they need you to answer it. You must provide the statistical information in your response that would satisfy other analysts, but you must also write it in such a way that your client can understand it based on your presentation. In other words, write your report in English (not numbers).

When responding to these questions, you should provide your client with the information presented above and it should be checked for clarity and be typo-free**.  You should also present a copy of your statistical output as well as your data file for the client’s use.**