

SONEK DATA SCHOOL

STATISTICAL PACKAGE FOR SOCIAL SCIENCE ASSIGNMENT 1

With the excel database (assignment 1) you will:

1. Identify and list categorical and continuous variables.
2. Calculate frequencies and percentages for all of the categorical variables, and means, and standard deviations for the continuous variables.
3. Run an independent samples t-test to compare two groups of people (specified by a dichotomous variable) on one continuous variable. Using .05 level of significant test the appropriate hypotheses. Write the null and alternative hypotheses.
4. What is the calculated mean for each group?
5. What is the critical t value? Is the p-value significant? Conclusion?

NOTE

In the database Use the codebook (worksheet) section to label and value label the variable

Notes:

- ✚ Use **1.5 spacing** and font size of **11**.
- ✚ You can and are encouraged to include relevant **charts** in your summary report.
- ✚ **No referencing** is required in your summary report. However, if you wish to include, and refer to, additional information, you can use any referencing system as long as it is used consistently.
- ✚ There is no word limit
- ✚ **Submission:** You should submit your response as a single **pdf document** saved in the format: *Spss1 Report_StudentName.pdf*