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Part II. Go to the U.S. Bureau of Labor Statistics **Table A-1: Employment status of the civilian population by sex and age**.

Table A-1 presents the employment status of the civilian population by sex and age and is updated monthly. For this assignment, select the data from the latest available month under the Seasonally Adjusted header column, men, 20 years and over employed and unemployed, and women, 20 years and over, employed and unemployed.

Using any software of your choice and data from Table A-1, develop the following tables and figures, and conduct the following statistical tests.

1. Create a contingency table and calculate the frequencies.
2. Create an expected frequencies table.
3. Calculate the Chi-Square statistic.
4. Calculate the t-Statistic.
5. Develop a standard scatter plot for the variables.
6. Determine if your data level is nominal, ordinal, or continuous. Then calculate the Phi coefficient for nominal level data, Gamma for ordinal level data, or Pearson's r for continuous level data.

Export the tables and figure(s) into a Word document. Tables and figures are required to follow APA Style.

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