Module 3 Assignment

Use the data file “GSS2018.csv” and work with the variables, SEX, PRES16, POLVIEWS, NATENVIR, NATARMS, NATSCI, NATENRGY

##coding to tidy the data

#SEX: 1=MALE, 2=FEMALE

#PRES16: "VOTE CLINTON OR TRUMP", 0=IAP, 1=Clinton, 2=Trump, 3=Other,4=Didn't vote, 8=DK, 9=NA

#POLVIEWS: "Think of self as liberal or conservative", 1=Extremely Liberal, 2=Liberal, 3=Slightly Liberal, 4=Moderate, 5=Slightly Conservation, 6=Conservative, 7=Extremely Conservative, 8=DK, 9=NA

#NATENVIR: "Improving & protecting environment", 0=IAP, 1=TOO LITTLE, 2=ABOUT RIGHT, 3=TOO MUCH, 8=DK, 9=NA

#NATARMS: "Military, armaments, and defense", 0=IAP, 1=TOO LITTLE, 2=ABOUT RIGHT, 3=TOO MUCH, 8=DK, 9=NA

#NATSCI: "Supporting scientific research", 0=IAP, 1=TOO LITTLE, 2=ABOUT RIGHT, 3=TOO MUCH, 8=DK, 9=NA

#NATENRGY: "Developing alternative energy sources", 0=IAP, 1=TOO LITTLE, 2=ABOUT RIGHT, 3=TOO MUCH, 8=DK, 9=NA

1. Create a Data Frame Summary of the seven variables using dfSummary(). Label this Figure 1.
2. Create a professional descriptive statistics table of the five continuous data variables with mean, SD, skewness, kurtosis. Label this Table 1.
3. Create a professional descriptive statistics table of POLVIEWS, NATSCI and NATENRGY x PRES16. Report n, mean, SD. In the table, make the continuous variables as columns, and the categorical variables as rows. Label this Table 2.
4. Create a professional descriptive statistics table of POLVIEWS, NATSCI, and NATENRGY x SEX x PRES16. Report n, mean, SD. In the table, make the continuous variables as columns, and the categorical variables as rows. Label this Table 3.
5. Write a brief narrative of Table 2.