Are American People Happy?

To measure the psychological state of Americans, a psychology researcher devised three questions put to 3443 Americans from different walks of life. He asked them whether they were happy. They could answer only *yes* or *no* to each question. By today's standards the study is quite simple, and he did no formal statistical analysis of his data. The frequency data (number of yes and no responses within each employment category) from this study are in the file **americandata.csv**

You are hired (as a rogue freelancer data analytics skillster) to use the data and answer one question, that is, "**Are American people happy**?

Report the χ2 statistic and the statistical significance of the test. Also, explain the results and what they mean. What does the value of χ2 statistic mean? Is it good or bad? Is the test statistically significant?

Deliverables:

- Submit the code you used for this lab
- Submit an MS Word document that contains the answers to the questions above