**Psy 225L**

**Week 8: Project**

***You may use any of the materials or resources from the course to complete this assignment, but you must work independently (cannot collaborate with other students in the course).***

In the following dataset, researchers examined the effect of study strategy on memory. Researchers randomly assigned different students to different types of studying: Flashcards, Rereading, and Testing themselves (answering multiple choice questions). They examined performance on a memory test using a scale from 1-10.

|  |  |  |
| --- | --- | --- |
| Flashcards | Rereading | Testing |
| 4 | 2 | 9 |
| 7 | 5 | 7 |
| 6 | 3 | 5 |
| 7 | 8 | 8 |
| 7 | 2 | 6 |
| 6 | 4 | 9 |
| 7 | 7 | 8 |
| 5 | 4 | 7 |
| 6 | 5 | 7 |
| 6 | 3 | 8 |
| 7 | 5 | 7 |
| 6 | 7 | 6 |
| 5 | 5 | 9 |

1. Identify which test(s) you need to use to determine if study strategy affected performance on the memory test. You may refer to lessons, videos, lab manual information or any other information from previous weeks of the course. **(5 points)**
2. Complete the test(s), following the steps as indicated in lab manual. Complete any follow up tests that would be required of this approach. You may use hand calculations or PSPP/SPSS, but you must show your work by writing out the steps for hand calculations, or by including screenshots of your data entry **and** output in PSPP/SPSS. You may use previous assignments and the statistics software manual as a reference. **(15 points)**
3. Write a summary of your results in APA style. You may refer to the format from assignments or the lab manual in previous weeks of the lab. **(5 points)**