**Due: April 28th**

**This is an individual Assignment.**

The most basic type of moderation analysis includes a single predictor, a single moderator, and a single outcome.  In this dataset, we are investigating the direct effect of Emotional Intelligence (EI) on Problem Gambling, and we are also testing whether Gender moderates this relationship.

1a) Run a moderation analysis on SPSS and write down the steps that you performed for the analysis. 2

1b) Which part shows evidence of support or rejection of your direct effect and interaction effect hypotheses. 2

1c) What analysis should you perform to see more into this interaction? Also show how it corresponds to your result of 1b. Explain what you see. 3

1d) Do the same analysis with +1 SD and -1SD analysis and compare it with the previous result. Explain what you see 4

2. a. Now, Using Baron and Kenny method, find evidence of support or Rejection for self efficacy as a mediator. 5

b. Is it partial or full mediation and how do you know it? 2

c. Show the moderation and mediation graphically in a model and identify the coefficients of influence where appropriate. 4 d. Report the moderation and mediation following scientific reporting. 2

3. Is age a mediating variable, moderating variable, just a predictor or none of the above. Run all the analysis to find out evidence. 6

Rubric

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|  | **100%** | **10%-90%** | **0%** |
| Completeness, Accuracy, calculation, writing etc. | * Fully complete and accurate * Shows complete understanding of the concept * Included important snapshots of analysis * Calculation is Accurate and every step shown | * Partially complete or accurate, Mathematical notation /concepts clear * Shows partial understanding of the concept * Missing important snapshot of the analysis * Not clear how a number is deducted | * Not answered or consultation with other student identified * Shows no understanding of the concept. * No snapshot * Ambiguous calculation |