Time: 24 to 36 hours

Assignment details: **Read the scenario (  E1P3 \*\*- Scenario A-word doc)  , Use E1P3 \*\*- Scenario A.Sav file,**

Ø   apply the appropriate statistical analysis technique, and ***Report on any assumption testing, the findings, and provide a brief discussion of what the results mean.***

Ø  Use the PP for help or guidance

Ø  APA Write UP

Ø  ***Use Sample APA write & and Lab report for the language and structure, you can also use***[***https://statistics.laerd.com/***](https://statistics.laerd.com/)

Ø  ***provide an APA formatted report based on your analysis.*** Be sure to be thorough on your write-up.

Ø  **Be sure to include tables or graphs  if necessary.**

Ø  ***Provide SPSS output file and write up.***

**Scenario A**

Every year the academic performance index (API) is calculated to assess how well schools are performing in the region. You have been hired by the district to explore which factors best predict the school’s performance on the API. They provided you with a data set that contains the school’s academic performance score (api19), % of students that receive free meals (selected as a proxy to show socioeconomic wealth), if the school is a year round school, avg class size for k-3, avg class size for 4-6, percent of teachers with full credentials, and percent of teachers with emergency credentials. The district would like you to run an exploratory procedure to identify which factors predict a school’s academic performance as well as to identify the #1 driver for performance.