PSYR6003-Assignment1-NBasso

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## Load Libraries Needed For Assignment

## Question 1

## Load “Avengers” CSV file dataset, assigning it to object “avengers”

## then previewing the dataset using “glimpse” for inspection of variables

## Glimpse showed there was no Participant ID column included in the original dataset; adding an ID column “PID” at the beginning of the dataset to aid in Data Inspection & Cleaning

## Looking at visualizations to inspect for unusual/missing values or cases in the data

## Subsetting data to only include cleaned cases

##Creating a custom variable called “CombatEffectiveness”, representing the sum of agility

##using head to check that the variable computed correctly

## Creating a subsetted copy of the dataset in both .sav and .csv formats that only includes avengers that did not have a superpower and have died

## Then summarizing the newavengers dataset (M, SD, range) for the values combat effectivenesss, kills, and injuries for the overall sample and by battle location

## Power analysis for proposed study using ((((EFFECT SIZE))))

## Equivalence Test for proposed study

## Effect Size Calculation for independent Samples T test