My methodology

There are eight different features about students’ confidence in Mathematics in my dataset, since I only want one feature about students’ confidence in Mathematics as the final feature, so I need to combine the eight different features to one feature. And because I don’t know if each feature has any relationship with other features, so I will choose the PCA as my methodology to analysis this eight features, and combine them as one final feature.

I will use RStudio as the tool to do the PCA for the eight features in my dataset, and the important thing for me is to figure out how to write the code in RStudio for PCA. After doing the PCA, I need to consider the methodology for my next step.