Read Me
Project: Kernelization, Kernel Tricks
Unity Id: ndgandh2

Description:
The main goals of the project is to perform implement Kernelization and Kernel Tricks on bad_kmeans, bad_pca and bad_svm dataset.

Files Includes With This Project:

1. P3_ndgandh2.R
2. Read Me
3. Report
4. bad_kmeans.R
5. bad_pca.R
6. bad_svm.R
7. pipelining.R
8. contingencyTableMetrics.R
9. twoCrossConfusionMatrixMetrics.R

Environment variable settings (if any) and OS it should/could run on :
Operating System : Linux Ubuntu 14.04
OS Type: 64-bit
Processor: Intel Core-i5

Softwares to be installed:
I have implemented Community Detection using serial program in R.
To install R in Windows:

1. Download R from the following link:
        http://cran.r-project.org/bin/windows/base/
2. Double click on the downloaded R-3.1.1-win.exe file and follow the instructions.

Install RStudio in Windows:

1. Download RStudio from the following link:
        http://www.rstudio.com/products/rstudio/download/
2. Double click on the downloaded .exe file and follow the instructions.

Instruction to run the program:
Open any R development environment (RStudio) and type the following commands

1. source('path-to-file/P3_ndgandh2.R'')
    This command compiles the R file

2. kernelize()
    This command runs the Rscript to perform tasks mentioned in the project guidelines.