# K-means clustering

This exercise uses the file grades\_km\_input.csv

We have already worked through this example using Python (in Module 4: Data Modelling and Machine Learning). Now we will work it through using R.

## Tasks to be performed:

1. Read the data. Consider if it needs any transformation.
2. Run k-means clustering for different values of k. How will you compare the results?
3. Select the best (optimum) number of clusters.
4. Re-run k-means clustering for the optimum value of k.
5. Plot the obtained clusters.