**Data Science with R- Project 2**

**Problem Statement**: Analyze the monthly seasonally adjusted unemployment rates for the given employment data of the U.S. “unemp.csv” file, covering the period January 1976 through August 2010 for the 50 U.S. states(*n* = 50).

The requirement is to cluster the states into groups that are alike. Here, each state is characterized by a feature vector of a very large dimension (*p* = 416). Its components represent 416 monthly observations.