Due Week 15, 4/30/19, 6:30pm

**Graduate Students**

**Assignment 6**: MicroStrategy

Task: The data files are on Canvas. You will find these 2 files on Canvas:

1. ISMG4750 ISMG6820 FNCE4750 S19 Week 15 – Assignment 6 Data
2. ISMG4750 ISMG6820 FNCE4750 S19 Week 15 – Assignment 6 Data Dictionary

For this Assignment, you need to create 1 dashboard with 2 layers. The overall goal of the dashboard is to (1) **compare the higher education institutions in the state of Colorado to other institutions as well as to** (2) **analyze their performance**. You can decide the analysis theme for each layer and the metrics used, but each layer must have 4 square quadrants. For **layer 1**, you need to **compare the schools in Colorado against schools in California, and Texas**. For **layer 2**, you need to analyze schools **from all states** that have the **same range of admission rates as the University of Colorado Denver, Boulder, and Colorado Springs.**

In **one of the quadrants in each Layer**, you need to **analyze SAT and ACT scores**. Performance can be defined as **graduation rates for full time students in 150% time or 200% time** (200% completion rate), **retention rate**, **debt amounts**, **re-payment rate** **after 3 years.** **Descriptive characteristics** of Universities include **diversity of students, public or private, size, cost, Carnegie classification, Percentage of Degrees** (Engineering, Math, Business, Physical Sciences, etc.), **acceptance rates, SAT/ACT scores**, etc. You decide what performance metrics to use and what descriptive characteristics to use when comparing the schools.

See the data dictionary file for the variable names (Column E) and their definitions. Please note, look at the data file first to see what variable you are interested in and then search for that variable name in Column E of the data description to understand what the variable represents.

Provide an **overall explanation for your design and its goal, as well as results of an analysis using your dashboard to answer; (1) using Layer 1, what 3 colleges would you recommend and why and (2) using Layer 2, what 3 colleges would you recommend and why.**  in 1 page. Provide a sample printout of the dashboard in PDF form. Turn in the Word and PDF files on Canvas. Your dashboard file must be in your My Reports folder on MicroStrategy and must run appropriately. Save the dashboard as a file in your My Reports folder. Name the file “LastName S18 WK 13 – Assignment 6”

Note: This is individual work only.