

August 24 Due Date Reminders

- **Lab 5** Due Sunday, August 27 at 11:55 PM
- **Project Component 3** Due on Monday, August 28 at 11:55 PM
- **Homework 5** Due Thursday, August 31 at 11:55 PM (LAST)
- **Final Project** Due Tuesday, September 5 at 11:55 PM
 - Please see Project Guidance Sheet for formatting
- **Last Lab** will be on Thursday, August 31 dedicated to final project questions and troubleshooting

Homework 5 Guidance/Hints

- Q4 – to run multiple K-means at the same time, use the Autocluster node
 - In the dialog box under the Expert tab, select K-means
 - Under model parameters, select Specify
 - Under Number of clusters, select Specify – then enter in 2, 5, 8, and 12 on separate lines
 - Under the Model tab, be sure as well to select Number of Models to Keep: 4 (otherwise it will throw away all other models)
- Q5 – Under view, select either the testing or training set – see any differences?

Homework 5 Guidance/Hints

- Q7 – Think about how you would process the K values for $N = 10$ observations vs $N = 10,000,000$ observations. Also think about how you would minimize computational time needed to perform this calculation
- Q11 – again, you can use the auto-classifier node and under the expert tab, select the models that you want to run. Under model, don't forget to change the Number of Models to Keep to 4.
- Q13 – under the models, you can select individual models for Analysis using the “Use?” box, re-run the Analysis node each time you select a new algorithm to analyze.