

MATH216 HW 4

Due: Wednesday, April 24th at 11:59pm

Please submit an electronic copy of your assignment to both *alyford@middlebury.edu* and *alorn@middlebury.edu* using the subject line: MATH216 - HW4

In this assignment, you will practice your Data Science skills to determine which of two suppliers and which of two carriers a particular company should use when producing and shipping their products. The details of this assignment will be explained in class, and there are also two attachments with even more details about your task. Your final submission should be an R Markdown document with all of your code used for this assignment. Additionally, you should complete the summary table seen in the *Summary* tab (Sheet 1) of the *Analyst_Case_Study.xls* file and output this completed table at the end of your document. Finally, you should produce a graph showing which of the two carriers (X or Y) you anticipate using for each week for each of the two stores—A and B—using the supplier you deemed cheapest.

Good luck!