Data

You have received or will receive the following files:

Quadratic Data.csv – data file

Quadratic Data Codebook.xlsx – Excel file of relevant data definitions

Instructions

The data file that you received includes some data about academic performance. Imagine that you are working as a consultant for a school district that has this data. Your client at the school district is trying to convince her school board to make class sizes smaller. We’d like you to explore and analyze this data to try to find some insights to share with your client to help her make her case.

Please use R, SAS, SPSS, or another software your feel is appropriate to analyze the data. Spend some time over the weekend analyzing the data and send us back a summary of what you have found on Monday, as well as any output that supports your findings.

Final Deliverable(s)

1. A presentation of findings (e.g. PowerPoint deck, keynote, MS Word document)
2. Output that supports your recommendations (e.g. validations, etc…).

There are many interesting aspects to the data. Ultimately, Quadratic is a professional services organization. Our clients work with us so that we can help them learn and make better decisions.

The goal of this exercise is for us to understand:

* How you explore the data and what sort of interesting learnings you are able to find
* How you present your ideas and recommendations
* The discipline you follow in validating your finding
* How you present what you looked for but couldn’t find (if applicable)

In the case of any questions, please contact:

Jason Raguso ([Jason\_raguso@richards.com](mailto:Jason_raguso@richards.com)) or

Lysbet Zimmerman ([Lysbet\_zimmerman@richards.com](mailto:Lysbet_zimmerman@richards.com))