3/18 2nd meeting

* Has there been any more significance of certification on growth for math dataset?
* Look at interactions between a student with teacher and principal?
* What is the estimated impact on culturally responsive teaching?

2/19 1st meeting

* Maybe have more math dataset information
* Finding: maybe positive impact for reading but not for math?
* Growth as the most important factor and most interested
* Vertical scaled score is a better metric at looking at connections between one variables versus another
* What if certification is not significant? Want to know the truth based on facts
* Primary purpose: identify connection between certification status and growth of the students and be able to say if there is statistically significant findings
* Interesting to see certain teacher and student variable findings
* Learning growth and teachers to see if there is any matching: this teacher and this group of students is working

1/22 Intro meeting

* ACPS taking our capstone final report and implementing it for the next school year
* Data security considerations
  + Any group of students smaller than 10 cannot be identified
  + 6-8th graders for the study (2500)
  + Deidentify the data
  + Race and ethnicity has small categories that are fewer than 10
  + Smallest racial group is asian students, 5-8% students for asian and multiracial
  + Collapse race (students of colors vs white students), ~~remove very small numbers of certain categories from the dataset (but would lose something)~~
  + White and not hispanic students and hispanic students
  + School category will be removed
* Possible analysis
  + If there is a type of test and we find there isn’t enough variables in the dataset, there are ways Rusty can go back and restructure the dataset to give more variables
  + Segment analysis -- possible?
* Dataset
  + End of this week or early next week that has race, special education, gender, etc.
  + Different types of certification: micro-credential (part of the program), full-credential (full program)
  + More data in dataset of who the teachers were (more experienced teachers are the ones that are certified, etc)
  + Vertical scaled score: comparing across grade levels that’s more accurate that the raw scores
  + Percentile rank in state overall can be a variable in the dataset
* Future meeting: Monday 2/19 @ 6pm