# Assignment 3

EDH7916 | Summer (C) 2020

Benjamin Skinner

Using the `hsls_small.csv` data set and the online code book, answer the following questions. You **do not** need to save the final output as a data file: just having the final result print to the console is fine. For each question, I would like you to try to pipe all the commands together. You can account for missing values by dropping them.

For each question, show your data work and then answer the question in a short (1-2 sentence(s)) comment.

## Questions

1. What is the average standardized math test score?
2. What is the average standardized math test score by gender?
3. In what year and month were the oldest students in the data set born? The youngest?
4. Among those students who are under 185% of the federal poverty line in the base year of the survey, what is the median household income (give the category and what that category reprents).
5. Of the students who earned a high school credential (diploma or GED), what percentage earned a GED or equivalency? How does this differ by region?
6. What percentage of students ever attended a postsecondary institution by February 2016? Give the cross tabulations for:
   - family incomes less than or equal to $35,000 and greater than $35,000
   - region

   This means you should have percentages for 8 groups: above/below $35k within each region.

   **HINT** You can `group_by()` on more than one group.

### Submission details

- Upload your script (`<lastname>_assignment_3.R`) to our CANVAS course site no later than 11:59 p.m. EDT on the due date.