

CREATIVE ASSIGNMENT 4
CORE METHODS IN EDUCATIONAL DATA MINING
PROFESSOR RYAN S. BAKER
THE FUTURE

DUE IN CLASS DECEMBER 15, 2020
YOUR RESPONSE POSTS ARE DUE DECEMBER 19, NOON USA EASTERN

The goal of this assignment is to propose an EDM analysis that you could conduct using either data you already have, or data that you could readily obtain. **You do not need to actually do the analysis.**

Your analysis must involve EDM methods and real data (e.g. not simulated data). You should do this assignment in a group of 2 or 3 – you can pick your own teammates.

You should prepare an 8-minute talk. It can be presented in PowerPoint, in another presentation system, or using no visuals at all. Whatever you prefer is fine.

You should briefly discuss:

- The research goal
- The data you will use
- The analytic method you will use
- The kind of findings you'll be looking for

You will present this in class, to get feedback from your classmates and the professor.

You'll be graded on each of the four elements above, and also the clarity of your presentation, and whether you complete it in the eight minutes allotted.

Please post your slides to Piazza before your presentation.

PART TWO: YOUR RESPONSE POSTS

After completing your own assignment, you are expected to also provide substantive comments on at least three other students' submissions, as a response within that student's assignment thread. For these posts, there is no length requirement, but the posts must offer a critical and meaningful perspective on key considerations for making the idea a success or concerns you have about the idea. (i.e. "Great job! You did really awesome!" and "Terrible! You totally messed up!" are insufficient)

Within exactly one of your posts, you should clearly mark with the word "BONUS" that you think this is the idea with the highest potential for impact on the world (either by impacting practice or impacting scientific understanding) among all the presentations made in class. You cannot vote for your own idea. The group who receives the most votes from other students will receive the BONUS. Other groups will be impelled to prove their classmates wrong.