

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

DUE IN CLASS DECEMBER 14, 2020

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. 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.

BONUS: At the end of the session, the students will vote on the idea with the highest potential for impact on the world (either by impacting practice or impacting scientific understanding). The group who receives the most votes from other students will receive the BONUS. Other groups will be impelled to prove their classmates wrong.