Case Study Research Assignment

*Can Data Predict Your Grade?*

Background

As you move through your academic career, you leave an enormous swath of data: which courses you chose to register for; which ones you looked at but didn’t pick; and how you did on each homework assignment, test, and project. Could this massive amount of data be analyzed to predict your grade in a course? Could the data suggest which courses you should take next? Should those predictions be public to your instructor, to you, and to financial aid officers?

Case research topics to consider

* Course Signals at Purdue University
* Degree Compass, Austin Peay State University
* etc.

Tasks

1. Each team member will select a webbased tool that allows access to information.
2. Team members should each think of a situation where a person would benefit from the type of results data mining can bring to a campus and a situation where it might be undesirable.
3. Team members should select the most powerful and best-constructed **arguments** and develop a summary **conclusion**.
4. Team members should write up to 2000 words to present their findings on an academic writing format (remember your English class?).

Writing format

1. Title of Case Study
2. Background
3. Problem
4. Short literature review
5. Findings and Discussions
6. Conclussions and Recommendations