1. **As Big-Data Companies Come to Teaching, a Pioneer Issues a Warning**
   a. Adaptive learning through algorithms can be very powerful, but it’s headed in a dangerous direction as companies have too much control and innovation is crushed.

2. **Big Data’s Coming Of Age In Higher Education**
   a. Big data could increase identification of students at risk, analysis of student performance, data and practice collaboration, security concerns, and government regulation in higher education.

3. **Real Life Harms of Student Data**
   a. Student data is often leaked, stolen, used to monitor student behavior, and collected incorrectly, harming students and teachers as their information is used against them.

4. **As Big Data Comes to College, Officials Wrestle to Set New Ethical Norms**
   a. Masses of student data is collected and used by their universities without their knowledge or permission and affects them in ways they aren’t aware of.

5. **This Chart Shows the Promise and Limits of ‘Learning Analytics’**
   a. Data is collected from every interaction students have with coursework for learning analytics, though schools can’t yet analyze data enough to improve education and retention.

6. **19 Times Data Analysis Empowered Students and Schools**
   a. Data analysis has shown correlations between race, success, and punishments, and helped to improve teaching approaches and resource offerings to improve learning and graduation rates.