**BASIC ASSIGNMENT 5**
**CORE METHODS IN EDUCATIONAL DATA MINING**
**PROFESSOR RYAN S. BAKER**

**DUE VIA ASSISTMENTS OCTOBER 30, 2023, 1159pm, EASTERN STANDARD TIME**

In this assignment, you will need to build a Performance Factors Analysis model for this week's data set. This data set is simulated data, which hopefully you would have recognized for yourself from the fact that students have names like "fail-o".

This variables in the data set are:

- student – a deidentified ID for the imaginary student

- item – the problem step in the learning system

- skill1? skill2? skill3? – the knowledge components (skills) possibly involved in this item

- firstattemptcorrectness – is the student action correct (1) or not correct (0)

You should complete this assignment in Python.

Final note: If ASSISTments displays check marks and X's on the left panel of the assignment, or a performance bar on the bottom, don't wory. **It is OK to ask for hints and make errors. If you complete the assignment, you will receive full credit.**