

**CORE METHODS IN EDUCATIONAL DATA MINING**  
**FALL 2015**  
**BASIC ASSIGNMENT 1: PREDICTION MODELING**

In this assignment, you need to build a set of detectors for data file Godwin\_dataset.csv. This data set is very similar (but not identical) to the data set used in

Godwin, K.E., Almeda, M.V., Petroccia, M., Baker, R.S., Fisher, A.V. (2013) Classroom activities and off-task behavior in elementary school children. Poster paper. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 2428-2433.

This paper can be found at [http://www.columbia.edu/~rsb2162/Godwinetal\\_v12.pdf](http://www.columbia.edu/~rsb2162/Godwinetal_v12.pdf)

This data set can be found at [http://www.columbia.edu/~rsb2162/EDM2015/Godwin\\_dataset.csv](http://www.columbia.edu/~rsb2162/EDM2015/Godwin_dataset.csv)

A description of many of the variables can be found in that paper

You should complete this assignment in RapidMiner 5.3.

This assignment is due at 10am, September 10, 2015.

You can currently find the assignment in TutorShop.

You should have received a TutorShop login by email.

If you have not yet received a TutorShop login, please email me.

Remember the post questions on this class's Moodle discussion forum, rather than emailing me or using the BDE/EdX forums.