

Week 1: Prediction

Getting Started

Lectures

Lab



Activity: Rapid Miner Walkthrough

CTAT Assignment Week 1

Assignment due Aug 26, 2015 at 16:00 UTC



Bazaar Assignment Week 1

due Aug 26, 2015 at 16:00 UTC

Week 1 General Discussion

Week 2: Diagnostic Metrics and Cross-Validation

Week 3: Feature Engineering and Behavior Detection

Week 4: Knowledge Inference and Knowledge Structures

In this activity, you need to build a set of detectors predicting the variable ONTASK for the data file CogSci-Godwinetal-2013-3.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)

The data file can be found at [here](#).

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

You should complete this activity in RapidMiner 5.3.

Helpful hints for the activities:

You may need to enable 3rd-party cookies in your browser to see the exercise. You can ask for a hint on most questions. After you've answered each question correctly, your answer will turn green, and the next question should appear farther down in the scroll pane.