Create a Simple Classifier (Random Forest)

- Launch Rapid Miner
- File → New Process
- Load a CSV File (PlayerPerformance)

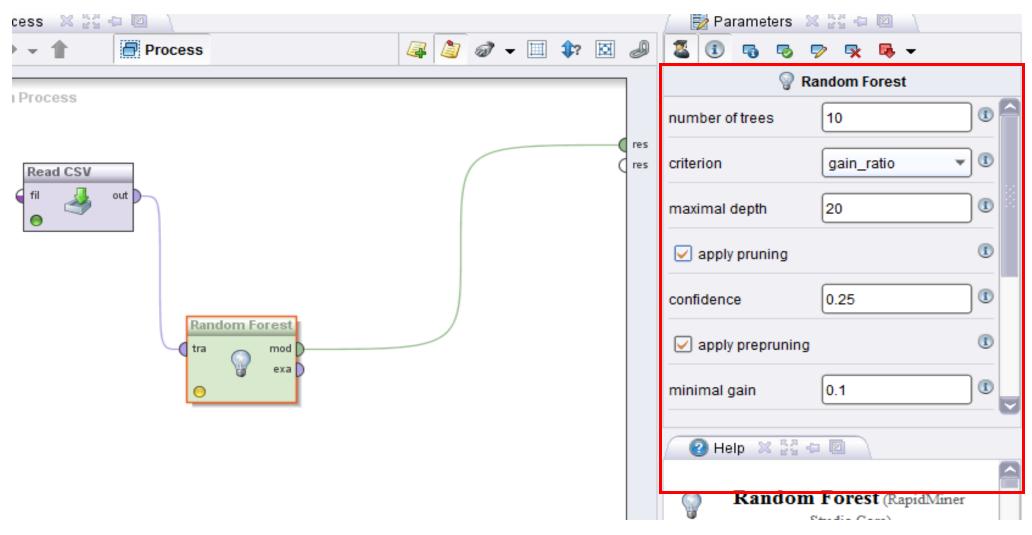
Create Random Forest(RF) Classifier

Write Random Forest in search box (Modeling → Classification &

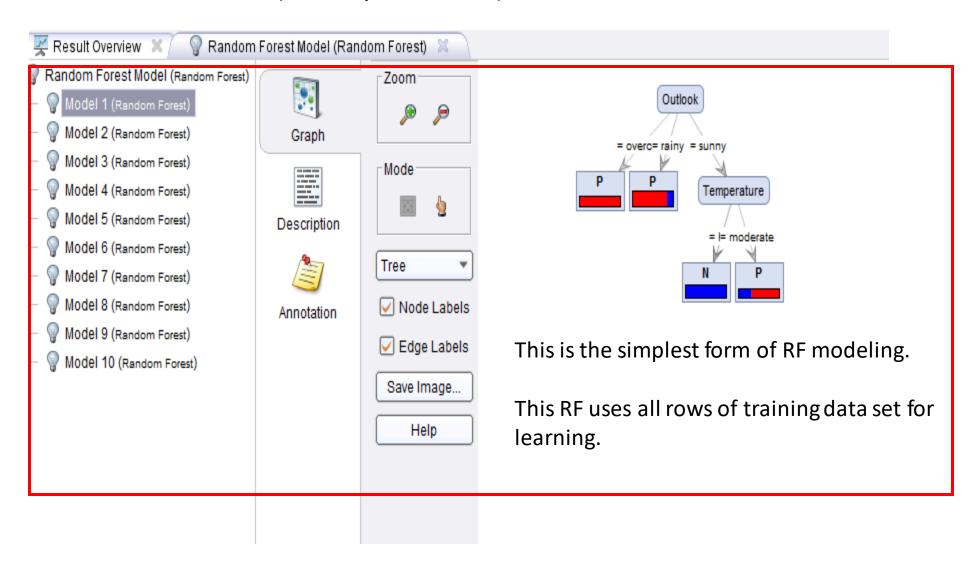
Regression → Tree Induction → Random Forest

Drag Random Forest operator and drop it to the main process area

Select RF operator and Tune the Parameters → click Play



Random Forest (Multiple Trees) is built.



Objectives

- Explain RF and its hyper parameters. (in single statement).
- What are the two most important hyper parameters of RF? Justify. (Please don't google, I need your opinion)
- Make RF classifier for your data set.
- Explain a tree from RF. Justify the selection criteria.
- Extract Good Rules from the selected tree.
- Apply prediction on five random selected rows.
- Calculate the Prediction Accuracy.

Due on 13th March (till 12) Good Luck