

HANDS ON EXERCISE.

WEEK-3

1. Repeat the exercise of using a model from R in SAS with iris data set.

1.1. Open iris.R in R Studio

Execute iris.R

(remember that you need to install the packages if you do not have them)

1.2. You will produce 3 files:

in_iris.csv

in_iris.sas

iris.xml

Your PMML file is ready at iris.xml

1.3. Open iris.xml with Notebook and change 4.4 to 4.2 (in the header)

Iris42.xml

1.4 Open SAS online / SAS in you PC

Choose your working folder (click bottom right path)

Run in_iris.sas to create the data set Rdata.

Run pscore.sas to create iris.sas

Run predict.sas to create the scores

2. [DO IT YOURSELF] We will implement the same procedure to estimate with R and to predict with SAS in the Bicycle data set

Take train.csv

Run Bici2.R (Split the sample, train model, export PMML model and test sample).

Change bike.xml from versión 4.4 to versión 4.2

Open SAS and predict COUNTS in the test sample

Run bike_test.sas

Run pscore_bike.sas to create bike.sas

Run predict_bike.sas to create the scores