Calculate scores for the entire ABT of a Factory Miner project using champion models

**Objectives**

This macro aggregates and executes the scores from ALL the models in a Factory Miner project. Purpose of the macro is to:

* Get all the score codes from each segment
* Execute the proper score code to the corresponding segment
* Aggregate the results into one table

The macro works for both “regular” DS score code AND non-standard score code, like RF or SVM models. Specifically for this reason, it does not require model registration to Decision/Model Manager; it requires however to download the project score code for all champion models once you’re done with your modeling.

**Disclaimer**

While this macro has been tested in both Windows and Linux environments, it’s not meant to be released to customers without warning. The goal is to make the life of the consultant easier when performing a POC or a project using Factory Miner. It has some caveats (i.e. segments cannot contain special characters, or segments with special characters might return an error)

**Steps**

1. Execute the required Factory Miner project and wait for its completion. Make sure that the segment have all standard characters (i. no dots, etc).
2. When the execution is completed, DOWNLOAD the PROJECT SCORE CODE from the RESULT view of the project
3. Make sure you DOWNOAD CHAMPION MODELS ONLY. Since there is no indication of which one is the champion model in the zip file downloaded, you HAVE to make this selection while downloading or the macro will not run. Again make sure that the folders all have standard characters (i.e. no dots ,etc)
4. Save the ZIP to a folder and unzip it to a dedicated location, say D:\Data\FCMProjects
5. You will now have a folder called <Project\_name> inside the above location, for example, it will be  D:\Data\FCMProjects\Sample\_project
6. You are now ready to run the macro called overall\_score. This macro expects 4 parameters:

OS= <operating system of the machine where you plan to execute the model. It can be W for Windows, L for Linux>

* 1. path= <project\_path as saved above> in my case it will be

path= D:\Data\FCMProjects\Sample\_project;

* 1. input\_ds= <the dataset you need to score>
  2. output\_ds=< the dataset where you want to save the output>

1. Now compile and execute the macro et voila  hopefully it will run for you as well. You can now do whatever you need with the scored table.