

Phase 04: Generate Models

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In the command window of Matlab, type “help <file_name.m>” to see the header documentation of my program scripts.

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Note 1:

This folder contains following main script. Go to Matlab Command Window and type the target main script (For example >> `model_gen`) for execution.

- `model_gen.m`
 - Read the main script header for more details.
 - This program will generate trained models for all four classifiers.
 - It generates 8 “mat” files (in the current directory). They are the trained models of four classifiers. As because of 2-fold cross validation, it generates two models for each classifier. The files are as follows:
 - * `disa1.mat` and `disa2.mat`
 - * `knn1.mat` and `knn2.mat`
 - * `svm1.mat` and `svm2.mat`
 - * `tree1.mat` and `tree2.mat`

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Note 2:

This folder contains following function scripts (You don’t need to run them separately).

- `disa_models.m`
 - Read the function header for more details. It generates trained models.
 - This function is used inside `model_gen.m`.
- `tree_models.m`
 - Read the function header for more details. It generates trained models.
 - This function is used inside `model_gen.m`.
- `knn_models.m`
 - Read the function header for more details. It generates trained models.
 - This function is used inside `model_gen.m`.

- `svm_models.m`
 - Read the function header for more details. It generates trained models.
 - This function is used inside `model_gen.m`.

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