I. File Description

1. File cc_fi_variable_initializations.ipynb

It contains the initialization of variables employed by files

- cc_fi_data_preparation_1_1.ipynb

- cc_fi_data_preparation_1_2.ipynb

- cc_fi_1_1.ipynb

- cc_fi_1_2.ipynb

2. File cc_fi_data_preparation_1_1.ipynb

It processes the given data set and returns a dataframe to be employed.

3. File cc_fi_data_preparation_1_2.ipynb

Similarly to File cc_fi_data_preparation_1_1.ipynb, it processes the given data set
within a different vectorization approach and returns a dataframe to be employed.

4. File cc_fi_fcts.ipynb

This file contains the definition of functions employed by other files.

5. File cc_fi_1_1.ipynb

This file returns the evaluations of all the considered models when the dataframe with vectorization type 1 is
employed (this dataframe results when file cc_fi_data_preparation_1_1.ipynb is implemented).

6. File cc_fi_1_2.ipynb

This file returns the evaluations of all the considered models when the dataframe with vectorization type 2 is
employed (this dataframe results when file cc_fi_data_preparation_1_2.ipynb is implemented).

II. Directions for Implementation

1. File **c**c_fi_variable_initializations.ipynb should be filled (already filled for the given dataset of bank data).

2. For processing the initial dataset and obtaining a dataframe able to be employed by the constructed
Classification Models we need to implement:

- cc_fi_data_preparation_1_1.ipynb if we desire to vectorize all features.

File df_num.pkl will be created.

or

- cc_fi_data_preparation_1_2.ipynb if we desire to vectorize only the categorical variables.

File df_num_1.pkl will be created.

3. Implement file
- cc_fi_1_1.ipynb if we desire to employ the dataframe vectorized for all features.

or

- cc_fi_1_2.ipynb if we desire to employ the dataframe vectorized only for categorical features.

The employed version of the jupyter notebook is 6.5.4