

DA Phase 2 : Création des modèles

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0-----0
| Creation of models |
0-----0 ↓ error

* Creation of models
fopen_s(&pFiTrainSet, TRAIN_SET, "r")
fopen_s(&pFiModel, FI_MODEL , "w")
fopen_s(&pFiMen, FI_MODEL_MEN , "w")
fopen_s(&pFiWomen, FI_MODEL_WOMEN , "w")

if (pFiTrainSet AND pFiModel AND pFiMen AND pFiWomen)
  iLine = 1
  pFiTrainSet = se positionner sur la Line n° 1 de "trainSet.csv"
  title = Ligne n° iLine pFiTrainSet
  error = fgets(title,LENGTH_TITLE, pFiTrainSet)
  sortir title
  error = fscanf_s(pFiTrainSet, "%d", &mov.move)

  0-----0 ↓ pFitrainSet, iLine
  | posLineTrainSet |
  0-----0 ↓ iLine, pFitrainSet

  do while (!eof(pFiTrainSet))
    movement = fscanf_s(pFiTrainSet, "%d", &mov.move)
    currentMovement = movement

    sumAveragesMen[NB_DATA] = 0
    sumAveragesWomen[NB_DATA] = 0
    nbValuesMen[NB_DATA] = 0
    nbValuesWomen[NB_DATA] = 0

    do while (eof(pFiTrainSet) AND currentMovement == mov)
      genderNum = Ligne n° iLine, colonne n°2 dans "trainSet.csv"
      0-----0 ↓ pFitrainSet, iLine
      | posLineTrainSet |
      0-----0 ↓ iLine, pFitrainSet

      mov = fscanf_s(pFiTrainSet, "%d", &mov.move)

      if(genderNum == 0)
        0-----0 ↓ iLine, sumAveragesWomen, nbValuesWomen
        | lineProcessing |
        0-----0 ↓ sumAveragesWomen, nbValuesWomen
      else
        0-----0 ↓ iLine, sumAveragesMen, nbValuesMen
        | lineProcessing |
        0-----0 ↓ sumAveragesMen, nbValuesMen

      0-----0 ↓ pFitrainSet, iLine
      | posLineTrainSet |
      0-----0 ↓ iLine, pFitrainSet

      movement = fscanf_s(pFiTrainSet, "%d", &mov.move)
      currentMovement = movement

```



