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1 C:\Users\vince\anaconda3\python.exe "D:/
  Documents/Choses école/UQAC/Session7/8INF436-
  Forage_de_donnees/TP3/main.py"
2 2021-04-06 10:58:43.954639: W tensorflow/
  stream_executor/platform/default/dso_loader.
  cc:60] Could not load dynamic library '
  cudart64_110.dll'; dlerror: cudart64_110.dll
  not found
3 2021-04-06 10:58:43.954781: I tensorflow/
  stream_executor/cuda/cudart_stub.cc:29]
  Ignore above cudart dlerror if you do not
  have a GPU set up on your machine.
4 Missing values per attribute:
5 id                                0
6 gender                           0
7 age                              0
8 hypertension                      0
9 heart_disease                    0
10 ever_married                     0
11 work_type                        0
12 Residence_type                   0
13 avg_glucose_level                0
14 bmi                              0
15 smoking_status                   0
16 stroke                           0
17 dtype: int64
18 C:\Users\vince\anaconda3\lib\site-packages\
  pandas\core\indexing.py:1736:
  SettingWithCopyWarning:
19 A value is trying to be set on a copy of a
  slice from a DataFrame.
20 Try using .loc[row_indexer,col_indexer] =
  value instead
21
22 See the caveats in the documentation: https://pandas.pydata.org/pandas-docs/stable/user\_guide/indexing.html#returning-a-view-versus-a-copy
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23  isetter(loc, value[:, i].tolist())
24  <class 'pandas.core.frame.DataFrame'>
25  Int64Index: 4860 entries, 0 to 5109
26  Data columns (total 10 columns):
27  #      Column              Non-Null Count  Dtype
28  ---  -
29  0     gender              4860 non-null
      float64
30  1     age                4860 non-null
      float64
31  2     hypertension        4860 non-null
      float64
32  3     heart_disease       4860 non-null
      float64
33  4     ever_married        4860 non-null
      float64
34  5     work_type           4860 non-null
      float64
35  6     Residence_type      4860 non-null
      float64
36  7     avg_glucose_level   4860 non-null
      float64
37  8     bmi                 4860 non-null
      float64
38  9     smoking_status      4860 non-null
      float64
39  dtypes: float64(10)
40  memory usage: 417.7 KB
41  None
42
43  Auto-encodeurs linéaires incomplets à 3
      couches
44  La couche 1 possède 2 unités
45  La couche 2 possède 2 unités
46  2021-04-06 10:58:45.659931: I tensorflow/
      compiler/jit/xla_cpu_device.cc:41] Not

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46 creating XLA devices,  
   tf_xla_enable_xla_devices not set  
47 2021-04-06 10:58:45.660442: I tensorflow/  
   stream_executor/platform/default/dso_loader.  
   cc:49] Successfully opened dynamic library  
   nvcuda.dll  
48 2021-04-06 10:58:45.681619: I tensorflow/core  
   /common_runtime/gpu/gpu_device.cc:1720] Found  
   device 0 with properties:  
49 pciBusID: 0000:08:00.0 name: GeForce RTX 2080  
   computeCapability: 7.5  
50 coreClock: 1.71GHz coreCount: 46  
   deviceMemorySize: 8.00GiB  
   deviceMemoryBandwidth: 417.23GiB/s  
51 2021-04-06 10:58:45.682341: W tensorflow/  
   stream_executor/platform/default/dso_loader.  
   cc:60] Could not load dynamic library '  
   cudart64_110.dll'; dlerror: cudart64_110.dll  
   not found  
52 2021-04-06 10:58:45.683037: W tensorflow/  
   stream_executor/platform/default/dso_loader.  
   cc:60] Could not load dynamic library '  
   cublas64_11.dll'; dlerror: cublas64_11.dll  
   not found  
53 2021-04-06 10:58:45.683597: W tensorflow/  
   stream_executor/platform/default/dso_loader.  
   cc:60] Could not load dynamic library '  
   cublasLt64_11.dll'; dlerror: cublasLt64_11.  
   dll not found  
54 2021-04-06 10:58:45.684111: W tensorflow/  
   stream_executor/platform/default/dso_loader.  
   cc:60] Could not load dynamic library '  
   cufft64_10.dll'; dlerror: cufft64_10.dll not  
   found  
55 2021-04-06 10:58:45.684639: W tensorflow/  
   stream_executor/platform/default/dso_loader.  
   cc:60] Could not load dynamic library '  
   curand64_10.dll'; dlerror: curand64_10.dll
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55 not found
56 2021-04-06 10:58:45.685152: W tensorflow/
  stream_executor/platform/default/dso_loader.
  cc:60] Could not load dynamic library '
  cusolver64_10.dll'; dlerror: cusolver64_10.
  dll not found
57 2021-04-06 10:58:45.685663: W tensorflow/
  stream_executor/platform/default/dso_loader.
  cc:60] Could not load dynamic library '
  cusparse64_11.dll'; dlerror: cusparse64_11.
  dll not found
58 2021-04-06 10:58:45.686179: W tensorflow/
  stream_executor/platform/default/dso_loader.
  cc:60] Could not load dynamic library '
  cudnn64_8.dll'; dlerror: cudnn64_8.dll not
  found
59 2021-04-06 10:58:45.686266: W tensorflow/core
  /common_runtime/gpu/gpu_device.cc:1757]
  Cannot dlopen some GPU libraries. Please make
  sure the missing libraries mentioned above
  are installed properly if you would like to
  use GPU. Follow the guide at https://www.
  tensorflow.org/install/gpu for how to
  download and setup the required libraries for
  your platform.
60 Skipping registering GPU devices...
61 2021-04-06 10:58:45.686817: I tensorflow/core
  /platform/cpu_feature_guard.cc:142] This
  TensorFlow binary is optimized with oneAPI
  Deep Neural Network Library (oneDNN) to use
  the following CPU instructions in performance
  -critical operations: AVX2
62 To enable them in other operations, rebuild
  TensorFlow with the appropriate compiler
  flags.
63 2021-04-06 10:58:45.687657: I tensorflow/core
  /common_runtime/gpu/gpu_device.cc:1261]
  Device interconnect StreamExecutor with
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63 strength 1 edge matrix:
64 2021-04-06 10:58:45.687748: I tensorflow/
    core/common_runtime/gpu/gpu_device.cc:1267
    ]
65 2021-04-06 10:58:45.687809: I tensorflow/
    compiler/jit/xla_gpu_device.cc:99] Not
    creating XLA devices,
    tf_xla_enable_xla_devices not set
66 2021-04-06 10:58:45.751027: I tensorflow/
    compiler/mlir/mlir_graph_optimization_pass.
    cc:116] None of the MLIR optimization passes
    are enabled (registered 2)
67 31/31 [=====] - 0s
    300us/step
68 31/31 [=====] - 0s
    300us/step
69 31/31 [=====] - 0s
    300us/step
70 31/31 [=====] - 0s
    300us/step
71 31/31 [=====] - 0s
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72 31/31 [=====] - 0s
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73 31/31 [=====] - 0s
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74 31/31 [=====] - 0s
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75 31/31 [=====] - 0s
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76 31/31 [=====] - 0s
    300us/step
77 La couche 1 possède 2 unités
78 La couche 2 possède 3 unités
79 31/31 [=====] - 0s
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80 31/31 [=====] - 0s
    300us/step

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81 31/31 [=====] - 0s
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82 31/31 [=====] - 0s
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83 31/31 [=====] - 0s
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87 31/31 [=====] - 0s
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88 31/31 [=====] - 0s
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89 La couche 1 possède 2 unités
90 La couche 2 possède 4 unités
91 31/31 [=====] - 0s
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93 31/31 [=====] - 0s
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101 La couche 1 possède 2 unités
102 La couche 2 possède 5 unités
103 31/31 [=====] - 0s
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104 31/31 [=====] - 0s
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105 31/31 [=====] - 0s
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106 31/31 [=====] - 0s
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108 31/31 [=====] - 0s
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111 31/31 [=====] - 0s
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112 31/31 [=====] - 0s
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113 La couche 1 possède 2 unités
114 La couche 2 possède 6 unités
115 31/31 [=====] - 0s
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116 31/31 [=====] - 0s
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117 31/31 [=====] - 0s
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123 31/31 [=====] - 0s
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124 31/31 [=====] - 0s
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125 La couche 1 possède 2 unités
126 La couche 2 possède 7 unités
127 31/31 [=====] - 0s
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128 31/31 [=====] - 0s
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129 31/31 [=====] - 0s
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135 31/31 [=====] - 0s
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136 31/31 [=====] - 0s
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137 La couche 1 possède 2 unités
138 La couche 2 possède 8 unités
139 31/31 [=====] - 0s
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147 31/31 [=====] - 0s
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148 31/31 [=====] - 0s
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149 La couche 1 possède 3 unités
150 La couche 2 possède 2 unités
151 31/31 [=====] - 0s
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152 31/31 [=====] - 0s
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153 31/31 [=====] - 0s
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159 31/31 [=====] - 0s
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160 31/31 [=====] - 0s
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161 La couche 1 possède 3 unités
162 La couche 2 possède 3 unités
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171 31/31 [=====] - 0s
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172 31/31 [=====] - 0s
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173 La couche 1 possède 3 unités
174 La couche 2 possède 4 unités
175 31/31 [=====] - 0s
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176 31/31 [=====] - 0s
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184 31/31 [=====] - 0s
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185 La couche 1 possède 3 unités
186 La couche 2 possède 5 unités
187 31/31 [=====] - 0s
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194 31/31 [=====] - 0s
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196 31/31 [=====] - 0s
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197 La couche 1 possède 3 unités
198 La couche 2 possède 6 unités
199 31/31 [=====] - 0s
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209 La couche 1 possède 3 unités
210 La couche 2 possède 7 unités
211 31/31 [=====] - 0s
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212 31/31 [=====] - 0s
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220 31/31 [=====] - 0s
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221 La couche 1 possède 3 unités
222 La couche 2 possède 8 unités
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232 31/31 [=====] - 0s
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233 La couche 1 possède 4 unités
234 La couche 2 possède 2 unités
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245 La couche 1 possède 4 unités
246 La couche 2 possède 3 unités
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257 La couche 1 possède 4 unités
258 La couche 2 possède 4 unités
259 31/31 [=====] - 0s
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269 La couche 1 possède 4 unités
270 La couche 2 possède 5 unités
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279 31/31 [=====] - 0s
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280 31/31 [=====] - 0s
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281 La couche 1 possède 4 unités
282 La couche 2 possède 6 unités
283 31/31 [=====] - 0s
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284 31/31 [=====] - 0s
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293 La couche 1 possède 4 unités
294 La couche 2 possède 7 unités
295 31/31 [=====] - 0s
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304 31/31 [=====] - 0s
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305 La couche 1 possède 4 unités
306 La couche 2 possède 8 unités
307 31/31 [=====] - 0s
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308 31/31 [=====] - 0s
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309 31/31 [=====] - 0s
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310 31/31 [=====] - 0s
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311 31/31 [=====] - 0s
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312 31/31 [=====] - 0s
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316 31/31 [=====] - 0s
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317 La couche 1 possède 5 unités
318 La couche 2 possède 2 unités
319 31/31 [=====] - 0s
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327 31/31 [=====] - 0s
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328 31/31 [=====] - 0s
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329 La couche 1 possède 5 unités
330 La couche 2 possède 3 unités
331 31/31 [=====] - 0s
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340 31/31 [=====] - 0s
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341 La couche 1 possède 5 unités
342 La couche 2 possède 4 unités
343 31/31 [=====] - 0s
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347 31/31 [=====] - 0s
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350 31/31 [=====] - 0s
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353 La couche 1 possède 5 unités
354 La couche 2 possède 5 unités
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364 31/31 [=====] - 0s
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365 La couche 1 possède 5 unités
366 La couche 2 possède 6 unités
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371 31/31 [=====] - 0s
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375 31/31 [=====] - 0s
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376 31/31 [=====] - 0s
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377 La couche 1 possède 5 unités
378 La couche 2 possède 7 unités
379 31/31 [=====] - 0s
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386 31/31 [=====] - 0s
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387 31/31 [=====] - 0s
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388 31/31 [=====] - 0s
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389 La couche 1 possède 5 unités
390 La couche 2 possède 8 unités
391 31/31 [=====] - 0s
    300us/step
```

```
392 31/31 [=====] - 0s
    333us/step
393 31/31 [=====] - 0s
    367us/step
394 31/31 [=====] - 0s
    333us/step
395 31/31 [=====] - 0s
    367us/step
396 31/31 [=====] - 0s
    333us/step
397 31/31 [=====] - 0s
    333us/step
398 31/31 [=====] - 0s
    333us/step
399 31/31 [=====] - 0s
    300us/step
400 31/31 [=====] - 0s
    300us/step
401 La couche 1 possède 6 unités
402 La couche 2 possède 2 unités
403 31/31 [=====] - 0s
    355us/step
404 31/31 [=====] - 0s
    300us/step
405 31/31 [=====] - 0s
    333us/step
406 31/31 [=====] - 0s
    367us/step
407 31/31 [=====] - 0s
    333us/step
408 31/31 [=====] - 0s
    333us/step
409 31/31 [=====] - 0s
    300us/step
410 31/31 [=====] - 0s
    333us/step
411 31/31 [=====] - 0s
    300us/step
```

```
412 31/31 [=====] - 0s
    300us/step
413 La couche 1 possède 6 unités
414 La couche 2 possède 3 unités
415 31/31 [=====] - 0s
    333us/step
416 31/31 [=====] - 0s
    333us/step
417 31/31 [=====] - 0s
    333us/step
418 31/31 [=====] - 0s
    300us/step
419 31/31 [=====] - 0s
    343us/step
420 31/31 [=====] - 0s
    333us/step
421 31/31 [=====] - 0s
    333us/step
422 31/31 [=====] - 0s
    300us/step
423 31/31 [=====] - 0s
    333us/step
424 31/31 [=====] - 0s
    367us/step
425 La couche 1 possède 6 unités
426 La couche 2 possède 4 unités
427 31/31 [=====] - 0s
    300us/step
428 31/31 [=====] - 0s
    300us/step
429 31/31 [=====] - 0s
    300us/step
430 31/31 [=====] - 0s
    300us/step
431 31/31 [=====] - 0s
    333us/step
432 31/31 [=====] - 0s
    300us/step
```

```
433 31/31 [=====] - 0s
    333us/step
434 31/31 [=====] - 0s
    300us/step
435 31/31 [=====] - 0s
    300us/step
436 31/31 [=====] - 0s
    300us/step
437 La couche 1 possède 6 unités
438 La couche 2 possède 5 unités
439 31/31 [=====] - 0s
    333us/step
440 31/31 [=====] - 0s
    300us/step
441 31/31 [=====] - 0s
    333us/step
442 31/31 [=====] - 0s
    300us/step
443 31/31 [=====] - 0s
    300us/step
444 31/31 [=====] - 0s
    333us/step
445 31/31 [=====] - 0s
    267us/step
446 31/31 [=====] - 0s
    367us/step
447 31/31 [=====] - 0s
    333us/step
448 31/31 [=====] - 0s
    385us/step
449 La couche 1 possède 6 unités
450 La couche 2 possède 6 unités
451 31/31 [=====] - 0s
    333us/step
452 31/31 [=====] - 0s
    300us/step
453 31/31 [=====] - 0s
    333us/step
```

```
454 31/31 [=====] - 0s
    333us/step
455 31/31 [=====] - 0s
    300us/step
456 31/31 [=====] - 0s
    333us/step
457 31/31 [=====] - 0s
    300us/step
458 31/31 [=====] - 0s
    300us/step
459 31/31 [=====] - 0s
    333us/step
460 31/31 [=====] - 0s
    333us/step
461 La couche 1 possède 6 unités
462 La couche 2 possède 7 unités
463 31/31 [=====] - 0s
    333us/step
464 31/31 [=====] - 0s
    333us/step
465 31/31 [=====] - 0s
    300us/step
466 31/31 [=====] - 0s
    333us/step
467 31/31 [=====] - 0s
    333us/step
468 31/31 [=====] - 0s
    333us/step
469 31/31 [=====] - 0s
    333us/step
470 31/31 [=====] - 0s
    333us/step
471 31/31 [=====] - 0s
    333us/step
472 31/31 [=====] - 0s
    467us/step
473 La couche 1 possède 6 unités
474 La couche 2 possède 8 unités
```



```
475 31/31 [=====] - 0s
    333us/step
476 31/31 [=====] - 0s
    327us/step
477 31/31 [=====] - 0s
    300us/step
478 31/31 [=====] - 0s
    333us/step
479 31/31 [=====] - 0s
    333us/step
480 31/31 [=====] - 0s
    333us/step
481 31/31 [=====] - 0s
    333us/step
482 31/31 [=====] - 0s
    333us/step
483 31/31 [=====] - 0s
    300us/step
484 31/31 [=====] - 0s
    333us/step
485 La couche 1 possède 7 unités
486 La couche 2 possède 2 unités
487 31/31 [=====] - 0s
    300us/step
488 31/31 [=====] - 0s
    333us/step
489 31/31 [=====] - 0s
    300us/step
490 31/31 [=====] - 0s
    333us/step
491 31/31 [=====] - 0s
    333us/step
492 31/31 [=====] - 0s
    300us/step
493 31/31 [=====] - 0s
    300us/step
494 31/31 [=====] - 0s
    300us/step
```

```
495 31/31 [=====] - 0s
    333us/step
496 31/31 [=====] - 0s
    300us/step
497 La couche 1 possède 7 unités
498 La couche 2 possède 3 unités
499 31/31 [=====] - 0s
    333us/step
500 31/31 [=====] - 0s
    300us/step
501 31/31 [=====] - 0s
    333us/step
502 31/31 [=====] - 0s
    367us/step
503 31/31 [=====] - 0s
    300us/step
504 31/31 [=====] - 0s
    333us/step
505 31/31 [=====] - 0s
    333us/step
506 31/31 [=====] - 0s
    333us/step
507 31/31 [=====] - 0s
    300us/step
508 31/31 [=====] - 0s
    333us/step
509 La couche 1 possède 7 unités
510 La couche 2 possède 4 unités
511 31/31 [=====] - 0s
    333us/step
512 31/31 [=====] - 0s
    333us/step
513 31/31 [=====] - 0s
    300us/step
514 31/31 [=====] - 0s
    333us/step
515 31/31 [=====] - 0s
    333us/step
```

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516 31/31 [=====] - 0s
    300us/step
517 31/31 [=====] - 0s
    333us/step
518 31/31 [=====] - 0s
    300us/step
519 31/31 [=====] - 0s
    300us/step
520 31/31 [=====] - 0s
    333us/step
521 La couche 1 possède 7 unités
522 La couche 2 possède 5 unités
523 31/31 [=====] - 0s
    400us/step
524 31/31 [=====] - 0s
    333us/step
525 31/31 [=====] - 0s
    333us/step
526 31/31 [=====] - 0s
    333us/step
527 31/31 [=====] - 0s
    300us/step
528 31/31 [=====] - 0s
    333us/step
529 31/31 [=====] - 0s
    333us/step
530 31/31 [=====] - 0s
    333us/step
531 31/31 [=====] - 0s
    300us/step
532 31/31 [=====] - 0s
    300us/step
533 La couche 1 possède 7 unités
534 La couche 2 possède 6 unités
535 31/31 [=====] - 0s
    300us/step
536 31/31 [=====] - 0s
    300us/step
```

```
537 31/31 [=====] - 0s
    333us/step
538 31/31 [=====] - 0s
    367us/step
539 31/31 [=====] - 0s
    300us/step
540 31/31 [=====] - 0s
    300us/step
541 31/31 [=====] - 0s
    333us/step
542 31/31 [=====] - 0s
    333us/step
543 31/31 [=====] - 0s
    333us/step
544 31/31 [=====] - 0s
    333us/step
545 La couche 1 possède 7 unités
546 La couche 2 possède 7 unités
547 31/31 [=====] - 0s
    333us/step
548 31/31 [=====] - 0s
    333us/step
549 31/31 [=====] - 0s
    300us/step
550 31/31 [=====] - 0s
    333us/step
551 31/31 [=====] - 0s
    333us/step
552 31/31 [=====] - 0s
    300us/step
553 31/31 [=====] - 0s
    333us/step
554 31/31 [=====] - 0s
    300us/step
555 31/31 [=====] - 0s
    300us/step
556 31/31 [=====] - 0s
    300us/step
```

```
557 La couche 1 possède 7 unités
558 La couche 2 possède 8 unités
559 31/31 [=====] - 0s
    300us/step
560 31/31 [=====] - 0s
    300us/step
561 31/31 [=====] - 0s
    300us/step
562 31/31 [=====] - 0s
    333us/step
563 31/31 [=====] - 0s
    333us/step
564 31/31 [=====] - 0s
    333us/step
565 31/31 [=====] - 0s
    300us/step
566 31/31 [=====] - 0s
    333us/step
567 31/31 [=====] - 0s
    300us/step
568 31/31 [=====] - 0s
    300us/step
569 La couche 1 possède 8 unités
570 La couche 2 possède 2 unités
571 31/31 [=====] - 0s
    333us/step
572 31/31 [=====] - 0s
    333us/step
573 31/31 [=====] - 0s
    333us/step
574 31/31 [=====] - 0s
    367us/step
575 31/31 [=====] - 0s
    333us/step
576 31/31 [=====] - 0s
    300us/step
577 31/31 [=====] - 0s
    333us/step
```

```
578 31/31 [=====] - 0s
    300us/step
579 31/31 [=====] - 0s
    333us/step
580 31/31 [=====] - 0s
    367us/step
581 La couche 1 possède 8 unités
582 La couche 2 possède 3 unités
583 31/31 [=====] - 0s
    300us/step
584 31/31 [=====] - 0s
    333us/step
585 31/31 [=====] - 0s
    333us/step
586 31/31 [=====] - 0s
    367us/step
587 31/31 [=====] - 0s
    333us/step
588 31/31 [=====] - 0s
    300us/step
589 31/31 [=====] - 0s
    333us/step
590 31/31 [=====] - 0s
    333us/step
591 31/31 [=====] - 0s
    300us/step
592 31/31 [=====] - 0s
    333us/step
593 La couche 1 possède 8 unités
594 La couche 2 possède 4 unités
595 31/31 [=====] - 0s
    333us/step
596 31/31 [=====] - 0s
    333us/step
597 31/31 [=====] - 0s
    300us/step
598 31/31 [=====] - 0s
    333us/step
```

```
599 31/31 [=====] - 0s
    300us/step
600 31/31 [=====] - 0s
    333us/step
601 31/31 [=====] - 0s
    333us/step
602 31/31 [=====] - 0s
    300us/step
603 31/31 [=====] - 0s
    300us/step
604 31/31 [=====] - 0s
    300us/step
605 La couche 1 possède 8 unités
606 La couche 2 possède 5 unités
607 31/31 [=====] - 0s
    333us/step
608 31/31 [=====] - 0s
    333us/step
609 31/31 [=====] - 0s
    333us/step
610 31/31 [=====] - 0s
    333us/step
611 31/31 [=====] - 0s
    367us/step
612 31/31 [=====] - 0s
    333us/step
613 31/31 [=====] - 0s
    367us/step
614 31/31 [=====] - 0s
    300us/step
615 31/31 [=====] - 0s
    433us/step
616 31/31 [=====] - 0s
    300us/step
617 La couche 1 possède 8 unités
618 La couche 2 possède 6 unités
619 31/31 [=====] - 0s
    333us/step
```

```
620 31/31 [=====] - 0s
    333us/step
621 31/31 [=====] - 0s
    333us/step
622 31/31 [=====] - 0s
    367us/step
623 31/31 [=====] - 0s
    300us/step
624 31/31 [=====] - 0s
    333us/step
625 31/31 [=====] - 0s
    333us/step
626 31/31 [=====] - 0s
    367us/step
627 31/31 [=====] - 0s
    333us/step
628 31/31 [=====] - 0s
    300us/step
629 La couche 1 possède 8 unités
630 La couche 2 possède 7 unités
631 31/31 [=====] - 0s
    333us/step
632 31/31 [=====] - 0s
    400us/step
633 31/31 [=====] - 0s
    300us/step
634 31/31 [=====] - 0s
    300us/step
635 31/31 [=====] - 0s
    300us/step
636 31/31 [=====] - 0s
    300us/step
637 31/31 [=====] - 0s
    300us/step
638 31/31 [=====] - 0s
    300us/step
639 31/31 [=====] - 0s
    300us/step
```



```

640 31/31 [=====] - 0s
    333us/step
641 La couche 1 possède 8 unités
642 La couche 2 possède 8 unités
643 31/31 [=====] - 0s
    333us/step
644 31/31 [=====] - 0s
    300us/step
645 31/31 [=====] - 0s
    333us/step
646 31/31 [=====] - 0s
    333us/step
647 31/31 [=====] - 0s
    300us/step
648 31/31 [=====] - 0s
    300us/step
649 31/31 [=====] - 0s
    333us/step
650 31/31 [=====] - 0s
    300us/step
651 31/31 [=====] - 0s
    300us/step
652 31/31 [=====] - 0s
    333us/step
653 Scores moyens(précision moyenne et écart-
    type) pour les auto-encodeurs linéaires
    incomplets à 2 couches:
654 {'2,2': (0.15420935753085127, 0.1113), '2,3
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 13895008049659688, 0.1432), '7,6': (0.  
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File - main

655

656 Process finished with exit code 0

657