```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2339] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2340] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2341] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2342] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2343] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2344] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2345] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2346] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2347] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2348] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2349] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2350] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2351] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2352] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2353] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2354] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2355] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2356] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2357] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2358] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2359] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2360] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2361] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2362] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2363] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2364] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2365] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2366] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2367] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2368] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2369] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2370] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2371] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2372] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2373] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2374] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2375] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2376] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2377] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2378] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2379] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2380] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2381] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2382] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2383] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2384] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2385] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2386] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2387] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2388] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2389] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2390] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2391] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2392] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2393] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2394] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2395] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2396] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2397] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2398] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2399] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2400] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2401] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2402] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2403] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2404] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2405] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2406] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2407] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2408] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
```
O caso [2409] foi executado com sucesso.
```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
```
O caso [2410] foi executado com sucesso.
```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
```
O caso [2411] foi executado com sucesso.
```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
```
O caso [2412] foi executado com sucesso.
```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
```
O caso [2413] foi executado com sucesso.
```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
```
O caso [2414] foi executado com sucesso.
```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
```
O caso [2415] foi executado com sucesso.

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2416] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2417] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2418] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2419] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2420] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2421] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2422] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2423] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2424] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2425] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2426] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2427] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2428] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2429] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2430] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2431] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2432] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2433] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2434] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2435] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2436] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2437] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2438] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2439] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2440] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2441] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2442] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2443] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2444] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2445] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2446] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2447] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2448] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2449] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2450] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2451] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2452] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2453] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2454] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2455] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2456] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2457] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2458] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2459] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2460] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2461] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2462] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2463] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2464] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2465] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2466] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2467] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2468] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2469] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2470] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2471] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2472] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2473] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2474] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2475] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2476] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2477] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2478] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2479] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2480] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2481] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2482] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2483] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2484] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2485] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2486] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2487] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2488] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2489] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2490] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2491] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2492] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2493] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2494] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2495] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2496] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2497] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2498] foi executado com sucesso.
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2499] foi executado com sucesso.
```

```
c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
O caso [2500] foi executado com sucesso.
2500 simulações foram realizadas.


O tempo de execução total foi de: 13050.96 segundos ou 217.52 minutos.



c:\users\thiag\onedrive\work\nexo estudos\matheus\modelo avaliacao_descarga
atmosferica\main.py:72: PerformanceWarning: DataFrame is highly fragmented.
This is usually the result of calling `frame.insert` many times, which has
poor performance.  Consider joining all columns at once using
pd.concat(axis=1) instead. To get a de-fragmented frame, use `newframe =
frame.copy()`
  df.insert(i+1, i+1, funcoes.ler_lis(lis_working_dir, i+1),
allow_duplicates=False)
```

In [**2**]:   .        *'Resultados_2500.xlsx'*

In [**3**]: