



```

o ↓ file_index, line_count, output_file, file_path, directory_patterns, subjects
| process_file |
o ↓ line_explored
*
filename = file_path→filename()
directory_name = file_path→directory_name()
o ↓ directory_patterns, directory_name
| get_directory_type |
o ↓ directory_type
o ↓ file_path
| get_person_id |
o ↓ person_id
// IMPROVE :: cache subjects file
o ↓ person_id, subjects
| get_gender |
o ↓ gender

o ↓ output_file, directory_type + "," gender + "," + file_index
| _add_to_line |
o

o ↓ file_path
| _open_file |
o ↓ file
// skip the header
o ↓ file
| _get_line |
o ↓ header
o ↓ file
| _is_at_end |
o ↓ is_end
iline = 0
while (!is_end AND iline < line_count)
o ↓ file
| _get_line |
o ↓ current_line
o ↓ current_line
| _extract_str |
o ↓ acceleration_x, acceleration_y, acceleration_z
acceleration = sqrt(acceleration_x ** 2 + acceleration_y ** 2 + acceleration_z ** 2)
o ↓ output_file, "," + acceleration
| _add_to_line |
o
o ↓ file
| _is_at_end |
o ↓ is_end
iline++

o ↓ output_file, "\n"
| _add_to_line |
o

return iline

```

```

o ↓ file_index, train_file, test_file, root_path, directory_patterns, subjects
| explore_directory |
o
*
o ↓ root_path
| _get_directory_iterator |
o ↓ directory_iterator
while (directory_iterator.move_next())
current_path = directory_iterator.current_value
o ↓ current_path
| _is_file |
o ↓ is_file
if (is_file)
// we are have hit a .csv file
o ↓ file_index, 600, train_file, file_path, directory_patterns, subjects
| process_file |
o ↓ train_line
// if there is enough lines for the testset
if (train_line == 600)
o ↓ file_index, 60, test_file, file_path, directory_patterns, subjects
| process_file |
o ↓ train_line
file_index++

```



Sauvegardé !

DA enregistré dans le cache du navigateur.