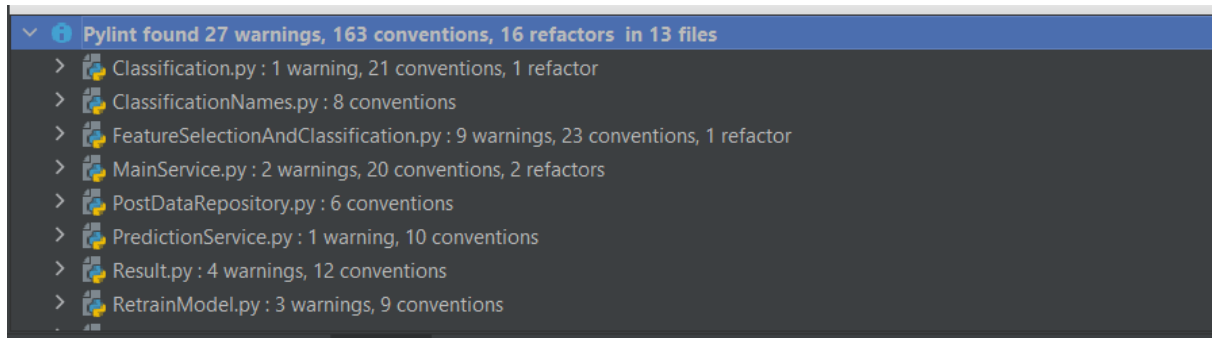


L1 - PyLint Report

1. Results



2. Advantages

- **Coding Standard:** the tool checks the code to see if it respects the python coding standards. This feature is useful for newbie programmers that are still learning as it will suggest an improvement and also offer an explanation for it. For experienced programmers is useful because it will help them save time when refactoring or reviewing the code.
- **Refactoring help:** the tool offers refactoring suggestions when it identifies duplicated code, unused variables, redundant returns and so on. This feature is useful for the same reasons as the *Coding Standard* one.
- **Error detection:** the tool checks if all the interfaces are truly implemented, if modules are imported and so on. This feature is useful because it will help programmers identify bugs that they may have missed.

3. Disadvantages

- **Unuseful warnings:** the tool may display unuseful warnings that are not really a problem. For a small project this may not be annoying but for a big one to have thousands of this is not favorable.
- It does not cover other aspects like cyclomatic complexity, code maintainability and external dependencies.