**Rain CSV Parser**

Our company needs to parse csv files coming from different employers to create a list of eligible employees to sign up for Rain.

Although files need to have key pieces of data, Rain does not control the overall structure of the files. For example, column names and order can be different from file to file.

Your job is to create a parser written in Golang that can read these files and standardize the data to be processed at a later time.

Your code should follow best practices and be clean, well-organized, and bug free. The solution should be scalable, flexible and simple enough to address the requirements we are defining. Please review the useful links below.

**Observation: Don’t post your project on public online repositories**

**Basic Requisites**

1. Parse files
2. Flag any data problems.
3. Output a summary in the console
4. Generate two csv files, one for correct data, one for bad data.
5. Project must support Golang 1.16+ with go modules support.

**Other Requirements**

* Unit tests or automated tests
* In the README file, explain your chosen architecture, why do you think it is a good fit for this problem and how you would evolve your submitted code

**We expect that you should at least fulfil these requisites, but not only these.**

**Required data:**

1. Employee name
2. Employee salary
3. Employee email
4. Employee ID
5. Emails must be unique

**Notes:**

1. You can use the provided csv files as a start point
2. Contact us in case of questions
3. Assume files should be processed one at a time

**Useful links:**

* <https://golang.org/doc/effective_go.html>
* [https://www.quora.com/What-is-the-best-software-development-checklist?share=1](file:////Users/jmartins/Downloads/Golang%20-%20Long%20tests/Allan%20-%20Long%20Test/-https:/www.quora.com/What-is-the-best-software-development-checklist%3fshare=1)