**Thought Exercise**

Below are the steps in descriptive way to handle the scenario given in the exercise.

1. Parse the given json file and store it in an object (for this we can use gems like Yajl). Get the records into an object variable
2. Iterate the obj array with limit (0-5000) to ensure the smooth processing
3. Validate the obj and validated will goes into the success table
4. Validation Failure record will goes into the failure table
5. Above 2 scenarios will be handled by using begin rescue
6. We can also log the exception description with object details in failure table
7. Better approach is to have 2 s in failure table to track the validated flag nonremediated failures
8. Validated failures is an object which we can validate and remediate and pass that to success table by deleting from failure table
9. Non-remediated is nothing but record which cannot be validated and passed
10. Note/optional: we can use shift method like Array.shift for object to release memory. i.e delete each record from object to free memory once that record is processed
11. Log the Finish event when all the records are processed
12. Finally we can generate the report or send the mail of records which is have the data of success ,failures , remediated non-remediated etc
13. For better suggestion, we can use async jobs like sidekicq, delayed jobs to update the data scheduled basis.