Background

You are about to build an CLI tool to validate and enhance basic client information that is provided in CSV file (input, see the attachment). Your tool should be written in **plain** Ruby without using any of the frameworks, but you may use 3rd party gems. Let's assume the script is run as a micro-service, apart from validating the input file, it should also **verify** the addresses, and **fetch** GEO coordinates for each row. The output of your tool should be also a CSV file, but all invalid rows should be removed by your code. Here are some examples of invalid rows:

- blank email, first and last name,
- blank residential or postal addresses,
- invalid location/postcode pair (residential or postal),
- cannot fetch GEO coordinates for given row.

The code will be assessed on those criteria:

- performance,
- re-usability,
- test coverage,
- code quality.

Before you finish, make sure your code is **production** ready, and you're proud of it.

Usage:

```
./cli < input.csv # parses input.csv and prints output to STDOUT
john.doe@example.com,John,Doe,12-26 Argyle
Street,SYDNEY,NSW,2000,-33.8588938,151.2075514,12-26 Argyle
Street,SYDNEY,NSW,2000,-33.8588938,151.2075514

./cli input.csv > output.csv # parses input.csv and produces output.csv
as the result

./cli --help # prints help
```

Requirements

- Plain Ruby (2.6+)

Sharing code

Send us your code as a ZIP file. Don't forget to include .git directory too.

Useful links:

- https://www.australiantownslist.com
- https://github.com/toddmotto/public-apis#geocoding