



Python / Pandas

1. Download the following dataset of [Open Recipes](#).
2. Write a script in **Python** that reads the recipes and extracts every recipe that has “Chilies” as one of the ingredients. Your code should allow for misspelling of the word for example **Chiles** as well as the singular form of the word.
3. Add an extra field to each of the extracted recipes with the name difficulty. The difficulty field would have a value of "Hard" if the sum of prepTime and cookTime is greater than 1 hour, "Medium" if the total is between 30 minutes and 1 hour, "Easy" if the total is less than 30 minutes, and "Unknown" otherwise.
4. The resulting dataset should be saved as a *.csv file.
5. Place your answer in a directory called "recipes-etl" in the root of this repository along with a README.md file that outlines the instructions to run your script and a requirements.txt file with the modules you used to run it (if applicable).

Remarks

1. The README file must contain detailed instructions on how to run the code you submitted, what it does and how it does it. It should also include instructions on how to install any third-party modules you used to complete this assignment as well as the Python version you used.
2. Your submission should include a *.py file, a README.md, a requirements.txt (if applicable) and your deliverable *.csv file.
3. You are free to use any Python module you wish and any Python version that fits your needs.
4. Your code should include comments in the form of docstring and be easy to read.

Disclaimer

1. Code submitted in a format other than the one requested (*.docx, *.doc, *.txt, etc.), will not be taken into consideration.
2. If the Python version used is not clearly documented, the Hiring Manager will run the code with his pre-installed version. If the code doesn't run, it will not be taken into consideration.

Good luck!