

# Function Bugginess Checker

## Introduction

This program reads a csv file containing functions and their associated boolean value indicating whether they are buggy or not. It analyzes each function in the csv file and updates the file with a new boolean entry indicating whether the function is buggy or not, based on the criteria defined by the `is_function_buggy` function.

## Requirements

To use this program, you will need:

Generate OpenAI secret key on the official page and replace `secret_key` with yours in the `main.py` program.

Install python and have a csv file containing functions and their associated boolean value indicating whether they are buggy or not

### Usage

To use this program, follow these steps:

Take the 'input.csv' and 'output.csv' file names with the names of your input and output csv files

Save the `main.py` file

Open a command prompt or terminal window

Navigate to the directory containing the `main.py` file

Run the following command: `python main.py`

The program will read the input csv file, analyze each function, and write the results to the output csv file

## Output

The output file will have a new boolean entry added to each row indicating whether the function in that row is buggy or not. The new boolean entry will be either "yes" or "no" or "undefined" depending on whether the `is_function_buggy` function returns output

## Conclusion

`main.py` is a simple program that can be used to analyze a csv file containing functions and their associated boolean value indicating whether they are buggy or not. By replacing the `is_function_buggy` function with your own implementation, you can customize the program to fit your specific criteria for what makes a function buggy or not.

You can find code for it in the zip file.

