Variance Report - Python

**TASK:** Create a python script that will read different companies’ variance reports and transform the data into a more insightful report with a new Excel tab for each company in question. Make the script scalable where it can read all Excel input files from a specific desktop folder and perform the analysis and output for multiple companies.

**INPUT DATA:** Financial statements variance report for multiple companies (See attached).

**TRANSFORMATIONS:**

1. Filter financial statements to only show income statement Cost of Sales and Expenses variances (no subtotals or group headings)
2. Filter variance report for all expenses to only keep line items where the variances is either +/- 5% **OR** where variance is +/- 10,000$. (main expenses)
3. Provide subtotal of the main expenses.
4. Provide a new line showing “All Other Expenses” variance. These are all other expenses that are not part of the “Main Expenses” that were +/- 5% and +/- 10,000.
5. Provide variance line for both Total Revenue and Net Income

**OUTPUT:** A single Excel file with the new variance reports for each company. One company per file. See attached output example.