



# Product Review Data Insights

## Usage Instructions

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### Purpose

This Automation Anywhere process (`Product Review Insights Process`) analyzes product review data and shows data insights in a final form. The insights are not persisted by the bot and must be copied if you want to save them.

### Pre-run requirements

- Install Python on the machine where the bot will run.
- Open a command console and run:

...

```
pip install pandas
```

...

### Important warning

The Product Review Data Insights process will create the folder `C:\ProductInsights` on your C: drive and use it as a working folder during execution. Ensure you are OK with a working folder being created at that location before running the process.

## How to run

1. Import the process and its components into your Control Room.
2. In the Control Room, select the `Product Review Insights Process` and click \*\*Run\*\*.
3. In order to provide the file path to the input file on your computer:
  - Right-click the file and choose \*\*Copy as path\*\*.
  - Paste the path into the form. **IMPORTANT:** remove the double-quote characters ("") from the beginning and end of the pasted path. If the quotes remain, the process will fail.
4. Fill out the remaining form fields with the column names and data details as requested by the form.

## Runtime notes

- The sentiment-analysis column creation can take a long time. While it is running the UI may appear unresponsive; this is expected. Please be patient and allow the process to finish.
- At the end of the run, the final data insights will be displayed in a form. These results are not written to disk by the bot — copy and paste them if you want to keep a record.

## Troubleshooting

- The process works best if the input file is located on your C: drive and not in a OneDrive or other cloud folder
- If the process fails to start, confirm Python is installed and `pandas` is available (see Pre-run requirements).
- Also confirm that Python is located in your environment variable PATH
- If the input path causes an error, verify you removed the surrounding `""` characters after pasting.
- Please watch the YouTube Video in the description to see if you have followed all steps correctly.
- If the process is taking a long time to complete, please remove as much unnecessary data as possible from the original input file, and try again.

## Enhancements

- The YouTube video in the description will demonstrate how to expand the bot to return insights on more products from one dataset, but please remember this will increase the time it takes the process to complete