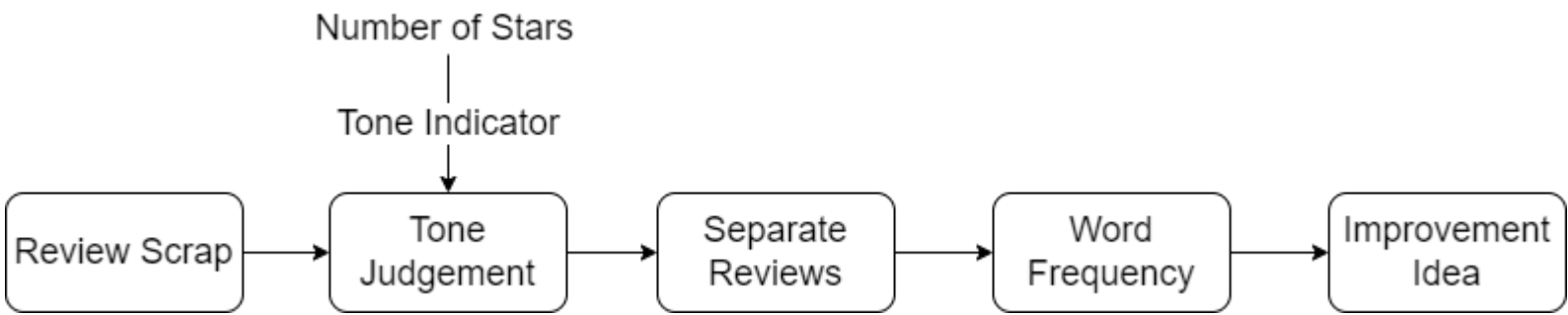


# Product Review Analysis of Ski Goggles

Zheyi Li  
zheyil@andrew.cmu.edu

# Brief Process



# Redesign Recommendation

Anti-fog lenses



Fig. Product of Interest

quality 9	lenses 47
cheap 9	really 45
would 9	worked 43
lenses 9	wear 43
fog 9	fogging 39
back 9	great. 39

Fig. Frequency Result

# Primary Challenge

Data Scrapping:

Didn't know how

Keep getting rejected by Amazon

Solution:

Library: pyautogui

Chrome extension: Instant Data Scraper



Instant Data Scraper



webrobots.io



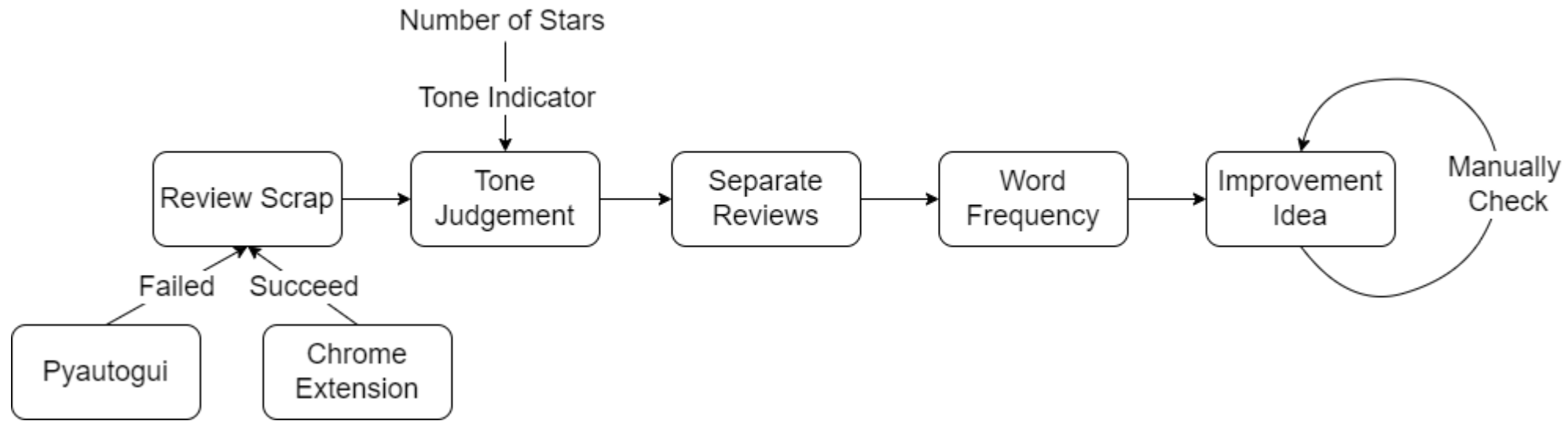
Featured

★★★★★ 1,966 ⓘ

Productivity

300,000+ users

## Backup Slides



### Description of the technical choices:

I chose two libraries: Pandas and NLTK. The reason for choosing Pandas is that the data set comes in as a .csv file and pandas is a good tool for operating it. NLTK was chosen for filtering the stopwords. I did try to manually select them but soon I realize there were too many and using a library is a much easier way.

### Description all of the primary challenges:

As mentioned, scrapping for the original dataset is my biggest challenge. The idea of using the number of stars as a tone indicator is pretty straightforward. So is getting the word frequency