



# AUTOMATION TO AGENCY SIGNUP

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# PROBLEM STATEMENT

- Automate the process of an Agency signup on CookieYes. The current process include
  1. Access the agency website
  2. Scan for keywords
  3. Evaluate eligibility
  4. Approve or decline
  5. Document the decision

# STEPS TO SOLUTION

1. Access the agency website
2. Scrap the details from the website
3. Use an LLM to search for keywords and make a conclusion
4. Save the result in a csv file
5. Mail the decision to the client

# 1. ACCESS THE AGENCY WEBSITE

- The agency website, the client email and other details will be collected by filling the sign up form.
- Here instead of the signup form I have manually given the website and url in the main function
- The url is validated and then passed for scraping the details from the website

## 2. SCRAP THE DETAILS FROM THE WEBSITE

- To get the details from the website I have used Crawl4AI
- It generates clean, structured Markdown with accurate formatting.
- It showed better performance when compared with the common methods used for web scraping like BeautifulSoup, Scrapy.

### 3. USE AN LLM TO SEARCH FOR KEYWORDS AND MAKE A CONCLUSION

- The LLM used is, gemma2-9b-it, developed by Google with 9B parameters. It is an open sourced, text-to-text, decoder-only large language model.
- A well defined prompt specifies the keywords to rely on and make a classification based on its inference.
- The classification result is returned as a json object so it can be parsed easily and used as a condition for the decision.

## 4.SAVE THE RESULT IN A CSV FILE

- Based on the decision taken from the json object returned from the model, a csv file is updated to keep a track of the activities on the website

## 5. MAIL THE DECISION TO THE CLIENT

- A notification mail is sent to the client based on the decision taken.
- Smtplib python library is used for mailing the client.





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to me ▾



Wed 19 Mar, 21:28 (22 hours ago)



Dear User,

Congratulations! Your website <https://www.digitalsilk.com/> has been successfully registered with CookieYes.

You can proceed with the next steps.

Best Regards,  
CookieYes team



**aswinshibu2024gcsj@gmail.com**

to me ▾

19 Mar 2025, 21:35 (22 hours ago)



Dear User,

Unfortunately, Your website <https://huggingface.co/> has failed to meet the criteria to get registered with CookieYes.

If you have any queries please feel free to contact us.

Best Regards,  
CookieYes team

