



# BLOCKET JOB SCRAPER

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# INTRODUCTION

- What it does: scrape jobs from Blocket job board based on user inputs
- What information it retrieves: Job ID, Job Title, Company Name, Job Creation Date, Last Day to Apply, Days Left to Apply, Job Location, Role Category, Match Percentage, Job Description UR
- Additional functionality: matches user skills with job description and calculates relevancy.
- Exporting data to an excel file.





# INPUTS FROM THE USER

- Job title
- Job location
- Number of pages to scrape
- User skills



# HOW THE CODE WORKS

01

- Using Selenium to pass the confirmation page.
- It uses libraries like BeautifulSoup, Requests, and Regex to retrieve and manipulate data.
- Uses Microsoft Azure Translation API to translate data

02

- It translates the job description from Swedish to English and searches for the skill set given by the user in the job description. Calculates a relevance rate based on the number of matches

# ADVANTAGES OF USING THE CODE

- Saves time by automating the process of searching for jobs
- Easy to use, just need to provide inputs
- Provides relevancy score, making it easier for the user to choose the best job for them



# **CHALLENGES - FUTURE DEVELOPMENT**

## **PLANS**

- Translating using API.
- Adding new sites to the search range.
- Downloading all job skill sets from a site and looking for them in the job description to show them to users.



A large, modern building with a glass and steel facade, viewed from a low angle looking up. The building has a curved, angular design with many windows. The sky is overcast.

# THANK YOU