



Company: PriceShop

Website: <https://my.priceshop.com/>

Company Background:

PriceShop is Malaysia's most comprehensive price comparison website for consumer electronics. We aim to help shoppers save time and money in the research process and link them up with trusted retail merchants to complete the purchase.

Challenge Statement:

We organise price and product information on our website in a way that is easy for users to find and contact merchants to complete the transaction. One of our challenges is maintaining the latest information of prices from our merchants' websites and matching them to our product database. Our current way is doing manual scraping, matching, and later maintenance updates. We would like to get the information automatically and match them automatically with our product database and generate a templated CSV file for upload from our backend. For example, we have merchants on Lazada, we do not have an API to direct the input we collect into our backend. And Lazada has traffic checkers/blockers if they detect large amounts of traffic.

Technical Requirements:

You need to know how to perform data scraping and data formatting from extracted data. FYI: The backend system is built on ReactJS, NodeJS, Python, MySQL, MongoDB.

Deliverables:

An MVP working prototype that can perform mass data scraping, matching between our backend data and merchants' data and output a CSV file that can be uploaded to our backend. The potential solution should overcome the limitations of Lazada.