

E-commerce crawler



What is Web Crawler?

A web crawler fetch content from all over the Internet. And the information can be retrieved when it's needed. They're called "web crawlers" because crawling is the technical term for automatically accessing a website and obtaining data via a software program.

Is website crawling legal?

If you're doing web crawling for your own purposes, it is legal as it falls under fair use doctrine.

The complications start if you want to use scraped data for others, especially commercial purposes. If we are not crawling at a disruptive rate and the source is public, it should be fine.

Project Milestones

What does the application do?

Our application helps customer/user to compare products across different popular websites, like- Amazon, Flipkart, etc automatically on one click.

What one-time operations are done at the first execution?

At first execution it only takes the product name and then the web crawler works and search your desired product on different e-commerce website and gives the following result: -

1. Product Name
2. Product Price
3. Product Rating.

What does the application do and how quickly does it do it?

1. Monitoring websites that are constantly changing their product pricing
2. It saves your time for going through many e-commerce websites.
3. It also saves your effort from visiting different sites.

Scope -

- In today's life we frequently use e-commerce sites for online shopping, but each website shows different pricing for a particular product and it takes too much time to visit Each site.
- The client needed to analyse their competitors' product assortment in order to expand their own assortment and stay competitive.
- The client needed reliable information on competitors' actions regarding how they run campaigns and promotions

Features -

The main Features are: -

- Reduces effort
- Saves time
- Provide Best Results

Target Users -

Our target user is those people who frequently use ecommerce website for Shopping...

Technologies -

Language - Python

Python Library - BeautifulSoup, LXML, Requests, Selenium, Scrapy.

Code Editor - MS-Visual Studio Code.

