

## Following are the steps through which i went through while doing this web scrapping project:-

step1: First I select one of my favourite retail brand as Reliance retails ltd. So i went on their website and then their store locator page.(<https://storelocator.ril.com/>) .But after inspecting their webpage elements I found that that all elements are linked with searchbar.so I was getting specific region wise results.

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step2: Then I inspect their networks and perform all requests, After lot of inspection i found a POST request which contains all the data related to search box.("<https://www.reliancedigital.in/rildigitalws/v2/rriidigital/storelocator/storedata>")

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step3: Then I imported this as curl in POSTMAN software which generally used for API testing. But this time also I was getting output response limited to specific regions. So I tried to modify their request parameters then after doing lot of modifications finally I got response of all the stores in India

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step4: I used this POST Url , payloads and headers in my python code so Now i was getting response of all data in a list of json format. i perform iteration over value of each stores (like: Store\_name,Address,Timings,Latitude,Longitude,Phone number) in that json and append value of each column with empty list having same name .Then i make a Dataframe with a dictionary containing all columns name(list).

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step5: Now I performed cleaning of data with replacing all missing values in Dataframe with zero by using python pandas module. Finally, i uploaded my web scrapping project on GitHub repository...