**Report on the data scraping using python**

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For my data scraping project, I decided to scrape data from PUMA, a popular Germany-based shoe company. My goal was to extract information about the store name, address, timings, phone number, and coordinates from the website "https://store-in.puma.com/". This report aims to provide an overview of my experience with the project, including the challenges I faced and the methods I used to overcome them.

I approached this project by using Python to scrape data from the PUMA website. I started by writing a code that would extract the required information from the website, such as the store name, address, timings, and phone number. However, I faced several challenges during the project that required me to think creatively to find solutions.

One of the major challenges I faced was the fact that the store information was spread across different pages of the website. To extract the data, I had to write a code that would work for all the pages of the website. This required me to do extensive research and testing to find a solution that worked.

Another challenge I faced was the fact that the coordinates (longitude and latitude) were hidden in the HTML code of the website. This made it difficult to extract this information using traditional scraping methods. Despite researching extensively and seeking advice from various sources, I was unable to find a satisfactory solution to this problem.

To extract the required data, I used the BeautifulSoup library in Python, which allowed me to parse the HTML code of the website and extract the relevant information.

Despite the challenges I faced, I persisted in my efforts to find solutions and completed the project successfully, with the exception of the coordinates.

In conclusion, this project was a valuable learning experience that allowed me to develop my skills in Python and data scraping. While I faced challenges along the way, I was able to overcome them through perseverance and resourcefulness.