**INTRODUCTION TO PYTHON**

SABUDH FOUNDATION

WEB  
SCRAPING Report

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# Introduction

**Web scraping** allows you to acquire non-tabular or poorly structured data from websites and convert it into a usable, structured format, such as a .csv file or spreadsheet. **Scraping** is about more than just acquiring data: it can also help you archive data and track changes to data online.

**Scraped Website:**  Amazon

**Scraped Division:** [**Reviews** of **OnePlus 8T Mobile**](https://www.amazon.in/OnePlus-Mirror-Black-128GB-Storage/product-reviews/B085J19V4P/ref=sr_1_2?dchild=1&keywords=oneplus%2B8t&qid=1623295782&sr=8-2&th=1)

## Procedure

1. Firstly, import the required packages like **Beautiful Soup** and **Requests** and check does website allows scrapping the information. Gets response as <Response [200]>
2. And grab the content and beautify it from the website and remove the needless data from it. Choose the selected division from it and remove the unnecessary tags and duplicate elements.
3. Similarly grab the required data from the source and repeat the second step.
4. Then represent all the data in a data frame using pandas library and convert it into a .csv file for future reference.

**What Data I scraped?**

As I have scraped Amazon Product (OnePlus 8T) Reviews, the scraped data contains of:

* Customer Name
* Review Title
* Rating
* Review

**Conclusion:**

At the end I have learnt how to use web scraping and get the required data from the website.

ipynb file: <https://drive.google.com/file/d/1u4f0-C-GdMY-pGqkLOVpZjvQHodMc-JW/view?usp=sharing>

.csv file: <https://drive.google.com/file/d/1bBVM8xR_n-lYdhvcz2oqfoANoyvt9XGd/view?usp=sharing>