



**FLIPKART WEB SCRAPER**

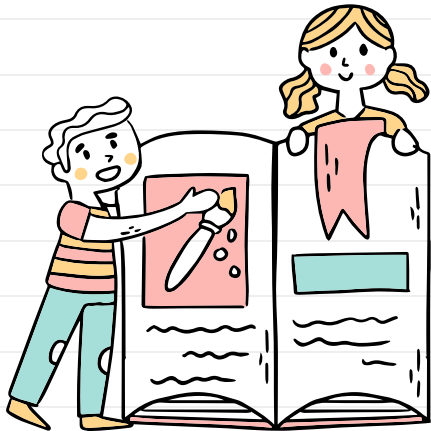
# INTRODUCTION



Web scraping is a powerful technique used to extract data from websites, and my scraper is specifically designed to extract mobile phone data from Flipkart. My scraper is tailored to collect data on mobile phones that cost less than 50000 rupees, making it an efficient and effective way to gather data for research and analysis. The data is then stored in CSV format, allowing for further analysis and manipulation as needed. With my scraper, you can easily and quickly gather relevant data on affordable smartphones, making it an essential tool for any data-driven research or analysis project.

## FLIPKART

Headquartered in Bangalore, Flipkart is an Indian e-commerce company founded in 2007 by Sachin Bansal and Binny Bansal. With a wide range of products, including mobile phones, Flipkart is a popular destination for online shopping in India. My scraper is specifically designed to extract data from Flipkart's mobile phone section, providing an efficient and effective way to gather valuable data for research and analysis.





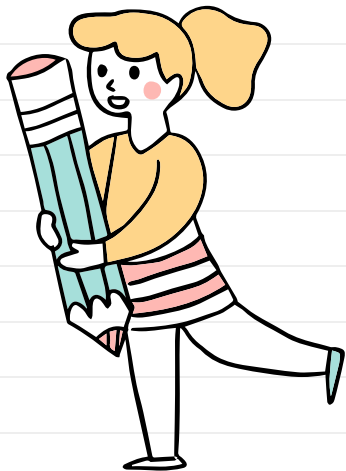
## **WEB SCRAPER**

A web scraper is a specialized software tool that enables the extraction of data from websites. Using Python and the BeautifulSoup library, my web scraper is designed to extract mobile phone data from Flipkart with ease and accuracy. Once extracted, the data is stored in a convenient CSV file format for further analysis and manipulation as needed. With this powerful tool at your disposal, you can gather the relevant data you need to make informed decisions and gain deeper insights into your research or analysis project.



## **MOBILE PHONE DATA**

The scraper I have developed is optimized to extract critical information such as the name, rating, price, and specifications of mobile phones available on Flipkart. The data collected is limited to mobile phones priced below 50000 rupees, providing a focused and concise set of information for your analysis. The extracted data is stored in a convenient CSV file format, making it easy to access and analyze. This data can be leveraged for a wide range of applications, including market research, analysis, and comparison of mobile phones to gain valuable insights and inform business decisions.



## **CSV FILE**

Once the data is extracted, it is stored in a CSV file format. A CSV file, which stands for Comma Separated Value, is a tabular data format used to store and exchange data. This format is widely used due to its simplicity and compatibility with a variety of tools. The extracted data can be effortlessly imported into commonly used analysis tools such as Excel or Python Pandas, making it easy to process and analyze the information.



## CONCLUSION

My web scraper is a powerful tool for extracting mobile phone data from Flipkart. The extracted data can be used for market research, analysis, and comparison of mobile phones. The scraper is an efficient way to gather data for research and analysis. The extracted data is stored in a CSV file for further analysis.

